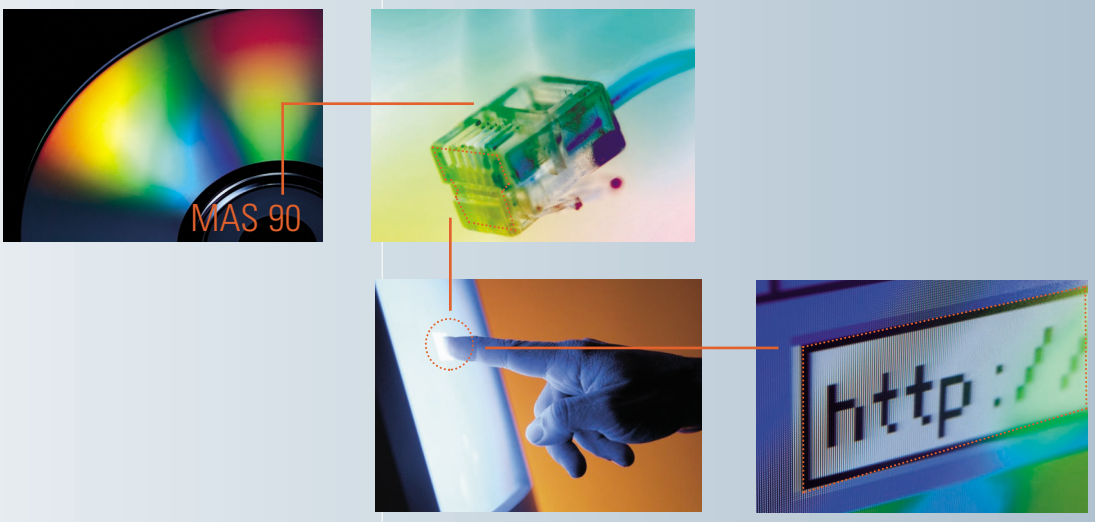
Our tech-knowledge-e Is Your Solution

HighTower



Welcome to the Library Master Extensions Version 4.20 Manual

How To Use This Guide

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Go to the Index.

Text on page...

Indicates a jump to a topic.

Bookmarks appear in the overview window to the left of the document window. These bookmarks are similar to a table of contents.

Note: This manual is best viewed using the latest version of Adobe Reader, which is available free of charge at http://www.adobe.com/products/acrobat/readstep2.html. For best printing results, print to a PostScript printer.

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This manual was written for Library Master Extensions version 4.20. It was last updated on 11/19/07.

New Features for Library Master Extensions Version 4.20

The 4.20 version of Library Master Extensions has been enhanced with the new Windows CE Sync feature.

New Windows CE Sync Feature

Use the Windows CE Sync functionality (see page 49) in the **Remote** menu to locally synchronize your PDA application on your Windows CE device with your Sage MAS 90 or 200 system.

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Introduction

The HighTower Ideal

At HighTower, we are committed to delivering superior accounting, time management, manufacturing and distribution solutions to small and mid-sized businesses.

HighTower is a Sage Software® Master Developer for Sage MAS 90 ERP and Sage MAS 200 ERP software with titles such as Direct Deposit, Gift Card Expansion Pack, MAStransit, MICR Encoded Laser Checks, Multi-Bin® Advanced Distribution, Point of Sale® Professional, Professional Retainer Control, Remote Salesperson PDA, ScanBlaster, Time and Billing®, Time and Billing® Professional, and Timekeeper® to our credit.

HighTower uses a unique **Patch Installation** system, which installs the HighTower enhancements without overwriting your original Sage Software program. Our patch installation method makes our products attractive to users installing enhancements from multiple Sage Software Master Developers.

Our promise of exceptional technical products is only exceeded by our commitment to customer service. Our success is measured in customer satisfaction.

Welcome to the Library Master Extensions Module

The Library Master Extensions module (formerly called HighTower Library Master) is required by every HighTower module for the Sage MAS 90 and Sage MAS 200 system. The Library Master Extensions module includes our unique Patch Installation feature, which installs the enhancements without overwriting your original Sage Software program or modules written by other Master Developers. This module also contains maintenance features for applications designed for remote devices, and a utility for Palm conduits. In addition, Library Master Extensions module includes utilities for troubleshooting enhancements, such as the Enhancement Diagnostic Inquiry feature and the Enhancement Data Definitions feature.

The Library Master Extensions module also includes the Spell Check Maintenance feature free of charge. This feature was available in the Spell Check module, but will now be installed for all software users. This feature can check the spelling in virtually any entry field across ALL of your Sage MAS 90 or 200 modules.

Using the Library Master Extensions Manual

This manual provides the information necessary for installing and operating your Library Master Extensions module. Use the Library Master Extensions manual as a guide when initially installing the module, and then as a resource for understanding features of the module. The manual contains overviews and samples of windows and menus.

Sections in this Manual

This manual is divided by the menu options available in the Library Master Extensions module. The following table describes the chapters available in this manual.

Chapter	Description
Chapter 2: Library Master Extensions Concepts	This chapter explains different concepts you need to know about using your Library Master Extensions module.
Chapter 3: Installing the Library Master Extensions Module	This chapter details the installation procedures for the Library Master Extensions module.
Chapter 4: Navigating in Library Master Extensions	This chapter describes the windows and button fields available in the Library Master Extensions module.
Chapter 5: Using the Main Menu	This chapter describes how to use the features in the Main menu, including how to register HighTower enhancements.
Chapter 6:Using the Remote Menu	This chapter details how to configure remote devices such as PDAs and laptops that use HighTower software.
Chapter 7: Using the Utilities Menu	This chapter details how to use the Enhancement Patch Install feature and how to use additional utilities.

Graphic Conventions

The following icons are used throughout this manual to indicate different types of information.

Graphic	Description
	The **Note** symbol is followed by additional information about a topic.
	The **Helpful Hint** symbol is located in the left margin and contains additional information about an option.
	The **Warning** symbol is followed by information to help you avoid costly mistakes.

Text Conventions

The following table describes the text conventions used in this manual.

Text Convention	Explanation
Field font	Indicates a field name, list box name, options in a list, column name, or check box.
Italic font	Indicates directory names or references to other manuals.

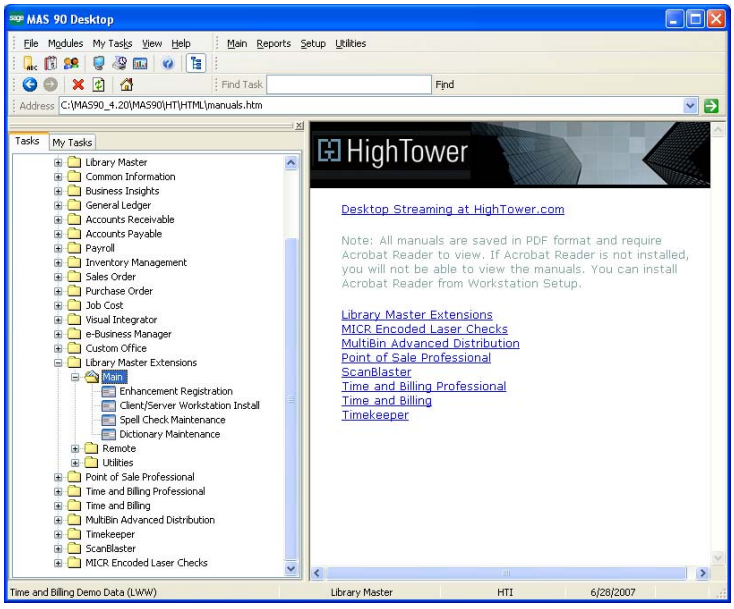
There are online manuals, online help, and technical support for the Library Master Extensions enhancement.

Getting Additional Copies of the Manual

The Library Master Extensions manual is available when you install the module.

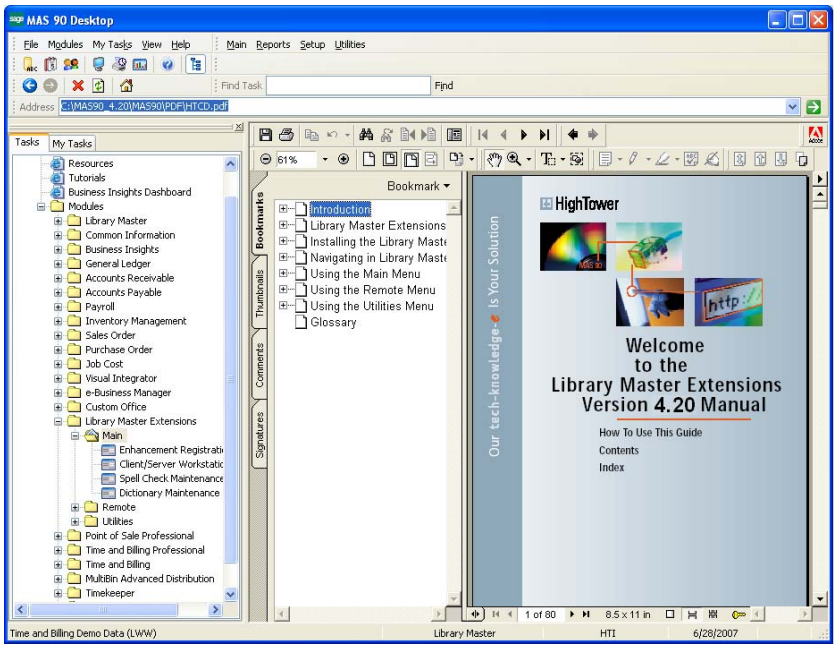
Open the Online Manual

1 From the **Help** menu on the Sage MAS 90 or 200 menu bar, select **Enhancement Manuals**. The Manuals list appears on the right side of the screen.



Manuals List

2 Click the **Library Master Extensions** link. This manual will appear in PDF format.



Online Manual

Using the Online Help

The Library Master Extensions module includes an extensive online help with the standard content online help and context-sensitive online help for fields and windows.

Information Center
Library Master Extensions
The Library Master Extensions module is required by the following Best Software's MAS 90/MAS 200 modules - Direct Deposit, Food Distribution, MICR Encoded Laser Checks, Multi-Bin Advanced Distribution, Point of Sale Professional, Remote Salesperson PDA, ScanBlaster, Time and Billing, Time and Billing Professional, and Timekeeper. The Library Master Extensions module includes a unique Patch Installation feature, which installs these enhancements without overwriting your original Best Software program or modules written by other Master Developers. This module also contains maintenance features for applications designed for remote devices, and a utility for Palm conduits. In addition, the Library Master Extensions module includes utilities for troubleshooting enhancements, such as the Enhancement Diagnostic Inquiry feature and the Data Definitions.
The Library Master Extensions module also includes the Spell Check Maintenance feature free of charge. This feature can check the spelling in virtually any entry field across ALL of your MAS 90/MAS 200 modules.
Getting Started with Library Master Extensions
Using Library Master Extensions
Getting Results
Technical Support
Printed Manuals

Online Help

Open the Online Help

- For field level context-sensitive help, move your cursor to the field and press **F1**. A pop-up window appears with help for the field.
- For window level context-sensitive help, click the button on the window. The help screen for the window appears.

Support Services

There are several methods of support for your Library Master Extensions module:

- Contact your Authorized Reseller or Consultant. If you do not have an Authorized Reseller or Consultant, contact (1.888.583.3000).
- Refer to the Data Definitions available in the Library Master Extensions module in the Utilities menu. This feature lists all the data fields available on each window of each module.

For more information about fee-based customer support services, contact our Help Desk Department. Regular Help Desk hours are 9:00 A.M. to 5:00 P.M. Central Standard Time Monday through Friday. You can reach our Help Desk Department in the following ways:

- Phone: 1.888.583.3000
- Fax: 847.674.0544
- E-mail: helpdesk@hightowerinc.com

This concludes *Chapter 1: Introduction* of the Library Master Extensions manual.

Chapter 2

Library Master Extensions Concepts

Chapter 2: Library Master Extensions Concepts explains different concepts you need to know to use your Library Master Extensions module efficiently.

How Library Master Extensions Works

The Library Master Extensions module is required by the MICR Encoded Laser Checks, Multi-Bin® Advanced Distribution, Point of Sale® Professional, Remote Salesperson PDA, ScanBlaster, Time and Billing®, Time and Billing® Professional, and Timekeeper® modules. You will not be able to install these enhancements without first installing the Library Master Extensions module. This module includes the following features:

- Enhancement Registration (see page 13, 28)
- Client/Server Workstation Install (see page 14, 29)
- Spell Check Maintenance (see page 14, 30)
- Dictionary Maintenance (see page 14, 32)
- Remote User Maintenance (see page 14, 40)
- Remote Device Maintenance (see page 14, 40)
- Remote License Maintenance (see page 14, 41)
- PDA Application Install (see page 15, 42)
- Windows CE Sync (see page 15, 49)
- Enhancement Patch Install (see page 15, 50)
- Palm Conduit Utility (see page 15, 52)
- Enhancement Diagnostic Inquiry (see page 15, 53)
- Enhancement Data Definitions (see page 15, 54)
- Migrate Level 3 Enhancement Data (see page 15, 56)

Enhancement Registration

All enhancements require registration for complete access to all software features. The Enhancement Registration feature (see page 28) registers enhancements that you install. The enhancement registration process is quick, easy and secure.

Client/Server Workstation Install

The Client/Server Workstation Install feature (see page 29) allows your company to install client/server versions of enhancements on your company's server, as well as your local workstation. Local workstation installations provide only the necessary program files required by the computer to interact with the shared server. Program-specific bitmap images, help files, and user manuals are only installed on your company's server but can be copied to your local workstation through the Client Server Workstation Install utility.

Spell Check Maintenance

Spell Check Maintenance (see page 30) allows you to check the spelling of any data-entry field in Sage MAS 90 or 200 by pressing CTRL + F1. Spell Check Maintenance can be configured to automatically check spelling on exit of a changed field by selecting that field in Spell Check Maintenance. Spell Check Maintenance allows you to specify fields that you require to be spell checked whenever they are modified. Spell Check Maintenance provides a list of available fields by application and menu selection. The fields listed are determined at runtime by the modules installed on your system.

Dictionary Maintenance

You can create your own company dictionary to be used with the Spell Check Maintenance feature. The Dictionary Maintenance feature (see page 32) allows you to enter terms unique to your business that would not normally be available in a dictionary used for spell check. This feature also lets you specify unique capitalization rules for specific words. For example, if a user entered the word **Hightower** and you want the term to appear as **HighTower**, you can correct the capitalization by entering the correct capitalization in Dictionary Maintenance. Dictionary Maintenance can also be used to replace a word. For example, if the HighTower abbreviation **HTI** is entered, you can set Dictionary Maintenance to change it to **HighTower**.

Remote User Maintenance

The Remote User Maintenance feature (see page 40) is used to create remote users and is required by remote modules, including ScanBlaster and Timekeeper.

Remote Device Maintenance

The Remote Device Maintenance feature (see page 40) is required by remote modules including ScanBlaster and Timekeeper. The Remote Device Maintenance feature is used to create remote devices for Sage MAS 90 or 200.

Remote License Maintenance

The Remote License Maintenance feature (see page 41) is required by remote modules including ScanBlaster and Timekeeper. The Remote License Maintenance feature is used to assign available licenses to particular applications. Each User/Device/Application combination requires one license.

PDA Application Install

The PDA Application Install feature (see page 42) is required to install remote modules such as ScanBlaster and Timekeeper on PDA devices. You must connect your PDA device while installing.

Windows CE Sync

Use the Windows CE Sync feature (see page 49) to locally synchronize your PDA application on your Windows CE device with your Sage MAS 90 or 200 system.

Enhancement Patch Install

This program features a Patch Installation system when installing our enhancements. It does not install modified versions of your Sage MAS 90 or 200 modules. The Enhancement Patch Install feature (see page 50) inserts lines of code into your existing Sage MAS 90 or 200 modules, and into programs modified by other Master Developers (unless the Master Developer password protects the Sage Software owned Sage MAS 90 or 200 programs). The Enhancement Patch Install feature, creates a backup of the Sage MAS 90 or 200 modules before inserting the lines of code. If you ever uninstall a module, your system will return to the backed up version of the modules.

Palm Conduit Utility

The Palm Conduit Utility feature (see page 52) is required for remote modules such as Timekeeper on PDA devices. This feature allows you to view conduit information.

Enhancement Diagnostic Inquiry

The Enhancement Diagnostic Inquiry feature (see page 53) is located under the Library Master Extensions Utilities menu. This feature is used to view company parameters and program revision information. Simply select an enhancement you want to view and the company parameters for the company you are currently in will display, along with the revision number for all the programs in that enhancement.

Enhancement Data Definitions

The Enhancement Data Definitions feature (see page 54) provides the technical details for each window and field in each of the installed modules. You can use this information for troubleshooting purposes.

Migrate Level 3 Enhancement Data

The Migrate Level 3 Data Wizard (see page 56) brings over the remote user, device, and license information from your previous version of Sage MAS 90 or 200. If you have ScanBlaster, Timekeeper, or Remote Salesperson installed on a 4.05+ Sage MAS 90 or 200 system and also had them installed on a 3.xx level of

Sage MAS 90 or 200, then run the Migrate Level 3 Data Wizard to bring over the setup information for these modules. The setup information that will be migrated to your 4.05+ system is Remote User records, Remote Device Records, Remote License records, Fid0Map records, and any MAS90xxx.ini files.

This concludes *Chapter 2: Library Master Extensions Concepts* of the Library Master Extensions manual.

Installing the Library Master Extensions Module

Chapter 3: Installing the Library Master Extensions Module provides detailed installation instructions, and contains the steps to register the Library Master Extensions module.

System Requirements

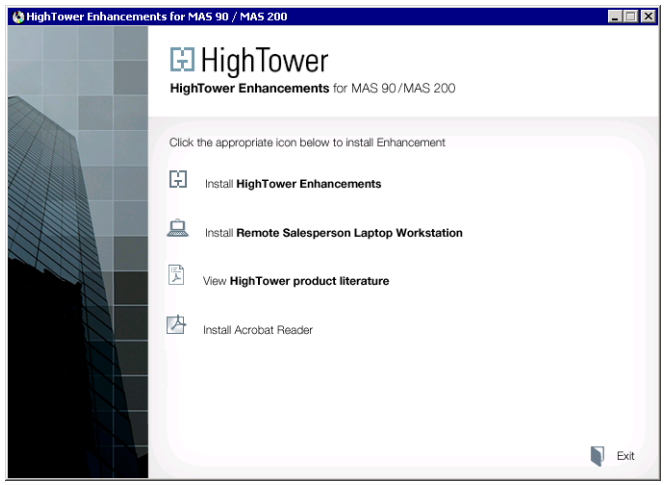
Sage Software does set standard system requirements for workstations using Sage MAS 90 or 200. See the system requirements determined by Sage Software (www.sagesoftware.com).

Installing Library Master Extensions

Complete the following steps to install the Library Master Extensions module.

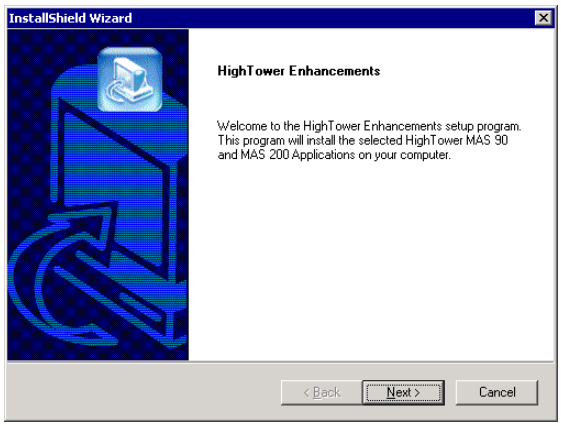
1 Close all programs.

2 Insert your Enhancements CD-ROM into your CD-ROM drive. The installation screen appears.


HighTower Enhancements for MAS 90 / MAS 200
HighTower
HighTower Enhancements for MAS 90/MAS 200
Click the appropriate icon below to install Enhancement
Install HighTower Enhancements
Install Remote Salesperson Laptop Workstation
View HighTower product literature
Install Acrobat Reader
Exit

Installation Wizard

3 Select **Install Enhancements**. The system starts the installation wizard.


InstallShield Wizard
HighTower Enhancements
Welcome to the HighTower Enhancements setup program. This program will install the selected HighTower MAS 90 and MAS 200 Applications on your computer.
< Back
Next >
Cancel

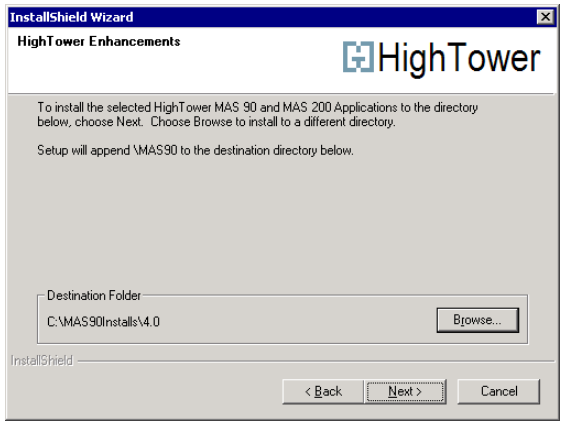
Welcome Window

4 Click **Next** from the main Welcome screen to begin installation. The License Agreement window appears.

InstallShield Wizard
HighTower Enhancements
HighTower
Please read the following License Agreement. Press the Page Down key to see the rest of the agreement.
HIGHTOWER INCORPORATED, END-USER CUSTOMER LICENSE AGREEMENT
Important: HighTower Incorporated ("HighTower"), licenses the enclosed Program to you only upon the condition that you accept all of the terms contained in this Customer License Agreement (the "Agreement"). Please read these terms carefully, because opening this package indicates your acceptance of them. If you do not agree with these terms, then HighTower is unwilling to license the Program to you. In this event, you should return this UNOPENED, UNUSED package to the dealer from which it was acquired within ten (10) days after purchase for a full refund.
Do you accept all the terms of the preceding License Agreement? If you choose No, Setup will close. To install HighTower MAS 90 and MAS 200 Applications you must accept this agreement.
InstallShield
< Back
Yes
No

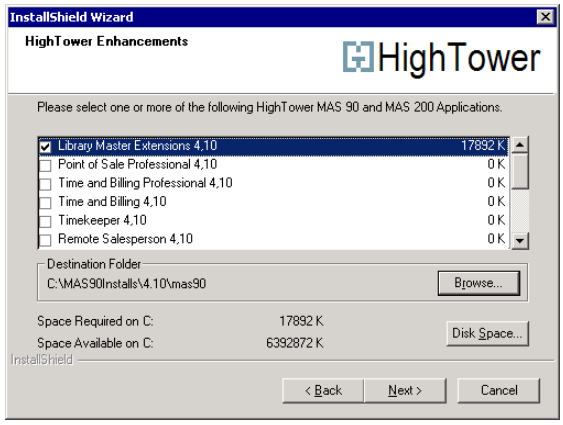
Software License Agreement Window

5 Click **Yes** to accept the terms of the software License Agreement...


InstallShield Wizard
HighTower Enhancements
HighTower
To install the selected HighTower MAS 90 and MAS 200 Applications to the directory below, choose Next. Choose Browse to install to a different directory.
Setup will append \MAS90 to the destination directory below.
Destination Folder
C:\MAS90Installs\4.0
Browse...
InstallShield
< Back
Next >
Cancel

Installation Location Window

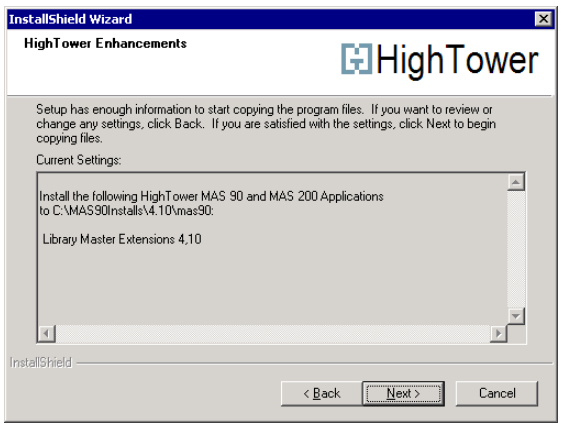
6 Browse to the location on your computer where your Sage MAS 90 or 200 system is installed, and click **Next**.


InstallShield Wizard
HighTower Enhancements
HighTower
Please select one or more of the following HighTower MAS 90 and MAS 200 Applications.
Library Master Extensions 4.10 17892 K
Point of Sale Professional 4.10 0 K
Time and Billing Professional 4.10 0 K
Time and Billing 4.10 0 K
Timekeeper 4.10 0 K
Remote Salesperson 4.10 0 K
Destination Folder
C:\MAS90Installs\4.10\mas90
Browse...
Space Required on C: 17892 K
Space Available on C: 6392872 K
Disk Space...
InstallShield
< Back
Next >
Cancel

Components Window

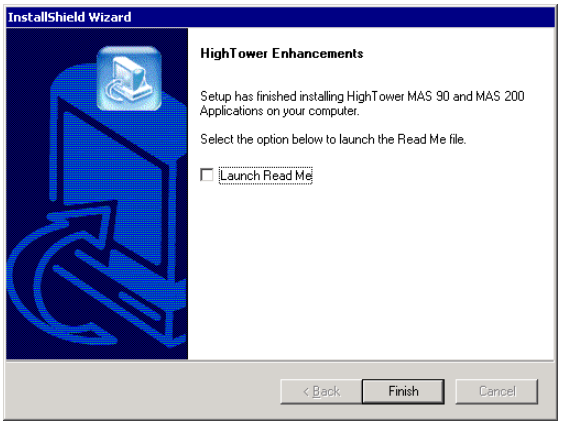
7 Select the enhancement you want to install from the list of applications and click **Next**.

A warning dialog box displays reminding you to close Sage MAS 90 or 200 before proceeding with the installation.


InstallShield Wizard
HighTower Enhancements
HighTower
Setup has enough information to start copying the program files. If you want to review or change any settings, click Back. If you are satisfied with the settings, click Next to begin copying files.
Current Settings:
Install the following HighTower MAS 90 and MAS 200 Applications to C:\MAS90Installs\4.10\mas90:
Library Master Extensions 4.10
InstallShield
< Back
Next >
Cancel

Current Settings Window

8 Verify the installation settings and click **Next**. .


InstallShield Wizard
HighTower Enhancements
Setup has finished installing HighTower MAS 90 and MAS 200 Applications on your computer.
Select the option below to launch the Read Me file.
Launch Read Me
< Back
Finish
Cancel

Finish Installation Window

9 Click **Finish** to complete the installation.

You may view the Read Me file by selecting the **Launch Read Me** check box.

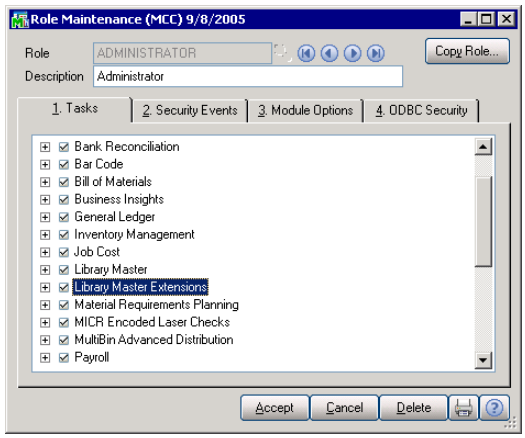
System Startup

System Startup is an automatic procedure that must be performed once per company. This procedure is initiated the first time you access Library Master Extensions for a specific company.

Set Up the Library Master Extensions in Role Maintenance

You must make sure that you check the Library Master Extensions module in the Role Maintenance feature of the Sage MAS 90 or 200 Library Master module.

1 From the **Main** menu of Sage MAS 90 or 200 Library Master, select **Role Maintenance**. The Role Maintenance window appears.



Role Maintenance Window

2 Select your user role defined for your Sage MAS 90 or 200 system from the **Role** field.

3 Check the **Library Master Extensions** option.

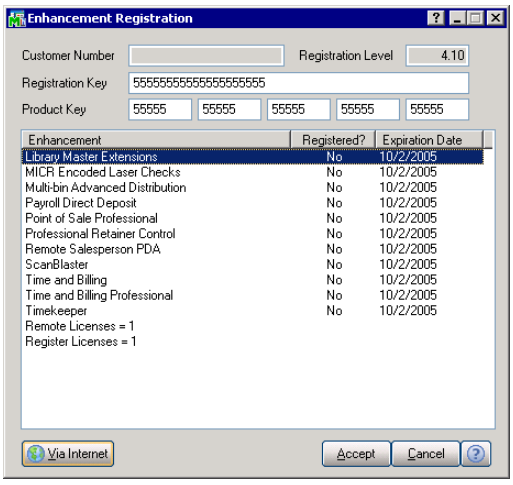
4 Click **Accept**.

Register the Library Master Extensions Module

You can install all enhancements for a 45-access trial period. When you purchase an enhancement, you will receive a registration ID and key from your reseller, or you can access the key through the Internet.

You register enhancements through the Library Master Extensions module.

1 From the **Main** menu of the Library Master Extensions module, select **Enhancement Registration**. The Enhancement Registration window appears.



Enhancement Registration Window

2 Enter the registration key in the **Registration Key** field.

You can also access the registration key by clicking the **Via Internet** button.

3 Enter the unlocking key in the **Product Key** field.

4 Click **Accept**. The system will register your purchased enhancements.

See the *Enhancement Registration* section (see page 28) for more information about this feature.

Sage MAS 200 or Sage MAS 200 for SQL Installations

After the installation or upgrade is completed on the Sage MAS 200 server, you must run the Client Server Workstation Install on each workstation for each enhancement that has been installed or upgraded.

1 To run the Client Server Workstation Install, click the **Main** menu of the **Library Master Extensions** module.

2 Click the **Client/Server Workstation Install** menu option to display the Client Server Workstation Installation window.

3 For each enhancement, there are three options that may be selected. Select **Install** (the optional **Help** and **Manual** options are not required).

4 After the options have been selected, click **Proceed** to install the selected options to the workstation.

See the *Client/Server Workstation Install* section (see page 29) for more information about the client install.

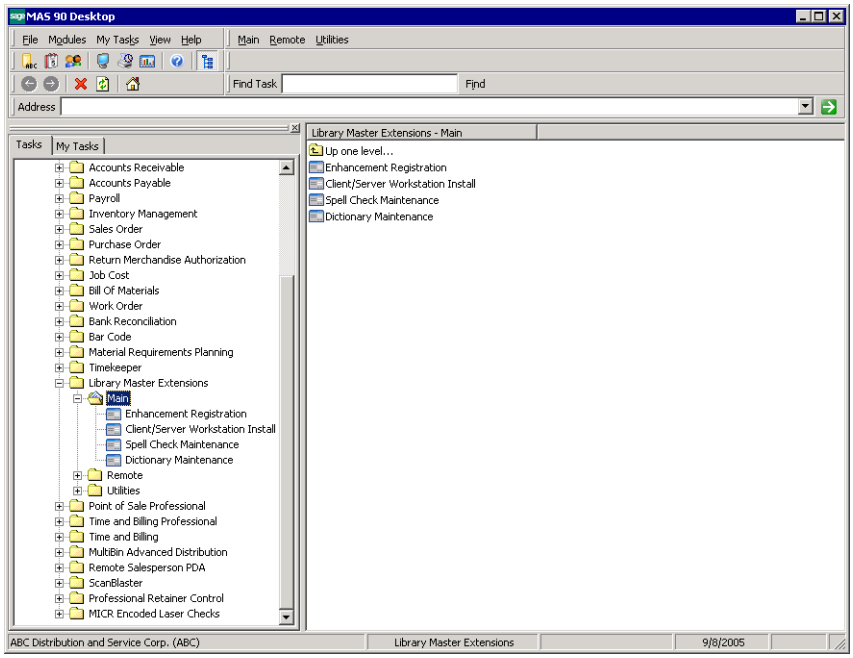
This concludes *Chapter 3: Installing the Library Master Extensions Module* of the Library Master Extensions manual.

Navigating in Library Master Extensions

Chapter 4: Navigating in Library Master Extensions contains instructions on how to access specific features of the Library Master Extensions module. This chapter describes how to access windows in Library Master Extensions, use the menu bar, and use different button fields available in the module.

Using the Modules Tree

The Library Master Extensions module displays the menu options on the Sage MAS 90 or 200 Modules tab, which contains the "tree-like" view. You can access a window in the Library Master Extensions module through this tree-like view.

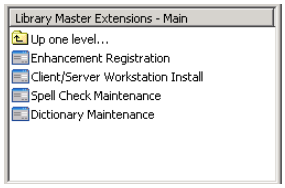


Sage MAS 90 Window

Open a Library Master Extensions Window through the Modules Tree

1 Double-click the **Library Master Extensions** module from the Modules tab. The module expands to display all the menu options available in the Library Master Extensions module.

2 Click the menu option you want to access. The names of the windows available in the menu appear on the right side of the Sage MAS 90 or 200 window.

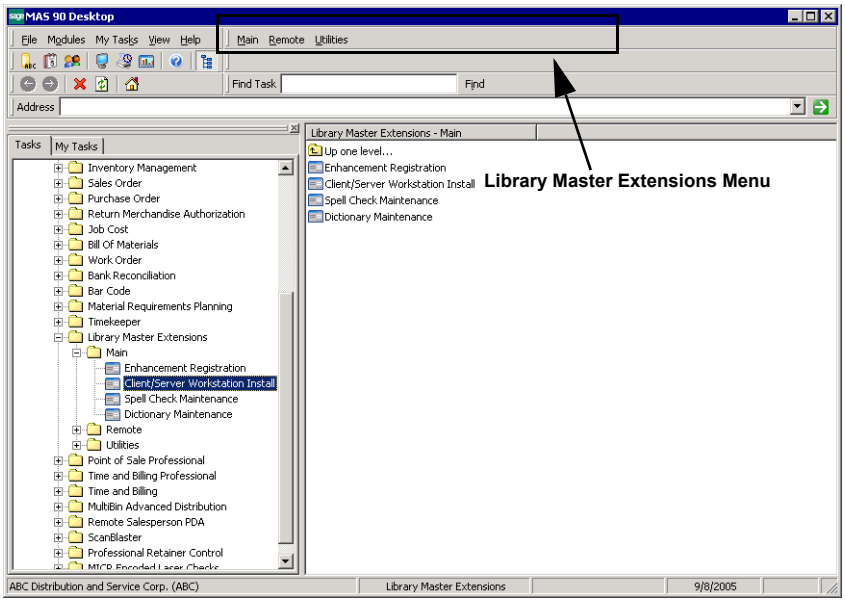


Windows Available in the Main Menu

3 Double-click the name of the window to open. The system displays the selected window.

Using the Library Master Extensions Menu Bar

The Library Master Extensions menu bar is available through the Sage MAS 90 or 200 menu bar. You can access the windows in the Library Master Extensions module through the menu bar.



Sage MAS 90 Window

Open a Library Master Extensions Window through the Menu Bar

1 From the **Modules** menu, select **Library Master Extensions**.

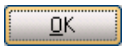
2 Select the menu option, and then select the name of the window. The system displays the window.

After opening the Library Master Extensions module, the Library Master Extensions menu appears on the right side of the menu bar. You can access additional Library Master Extensions windows using this menu bar.

Using Buttons and Keyboard Commands in Library Master Extensions

The Library Master Extensions module uses the standard Sage MAS 90 or 200 buttons that you use to perform a specific activity. You can also use the keyboard to perform many of the same functions. The following table describes each button and provides the keyboard variation of the button when applicable.

Button	Keyboard	Description
	TAB	Advances you to the next field on a window. In a grid, pressing the TAB key moves focus from cell to cell. At the end of the row, pressing TAB moves the key to the next row.
	ENTER	Advances you to the next required field on a window and allows you to save changes.
	SPACEBAR	You can use the spacebar to clear or select a check box or radio button field.
	BACKSPACE	Deletes the information in a field.
	ESC	Closes the current window. In a grid, pressing the ESC key cancels a cell entry.
	DELETE	Deletes information from a field.
	HOME	Highlights the first item in a list box or Lookup window. In a grid, pressing the HOME key moves focus to the first cell of a row.
	END	Highlights the last item in a list box or Lookup window. In a grid, pressing the END key moves focus to the last cell of a row.
	PAGE UP	Highlights an item in the previous page of a list box or Lookup window.
	PAGE DOWN	Highlights an item in the next page of a list box or Lookup window.
	CTRL+HOME	In a grid, moves focus to the first row in the same cell position.
	CTRL+END	In a grid, moves focus to the last row in the same cell position.
	CTRL+ENTER	In a grid, adds line feeds to comments.
	CTRL+INSERT	Inserts a line.
	CTRL+DELETE	Deletes the current line.
	ARROW	In a grid, pressing the ARROW keys moves focus from cell to cell.
	F1 in a Field	Displays the pop-up help for the current field.
	F1 on a Window	Displays the help for the entire window.
	F2	Displays the Lookup window for the current field. Select an item from the Lookup window and click Select. The item appears in the field.

Button	Keyboard	Description
	F3 or ALT+L	Displays an alternate Lookup window for the current field. This window is usually more tailored for the current field than the general Lookup window. Select an item from the Lookup window and click Select. The item appears in the field.
	F4	Allows you to print the information available on a window. This option my display an options window, where you can select the type of data to include in a printout.
	F5	In a grid, allows you to toggle between the primary and secondary grids.
		Opens a window for you to perform a special task associated to the field or window. Usually allows you to display/enter lot/serial items.
	CTRL+F5	Many windows display Browse buttons to help you browse through existing records. This button displays the first record available.
	CTRL+F6	Many windows display Browse buttons to help you browse through existing records. This button displays the previous record available.
	CTRL+F7	Many windows display Browse buttons to help you browse through existing records. This button displays the next record available.
	CTRL+F8	Many windows display Browse buttons to help you browse through existing records. This button displays the last record available.
	ALT+A	Saves the information you added or changed in a window.
	ALT+C	Disregards any changes you entered in a window.
	ALT+D	Removes the currently selected record from the Sage MAS 90 or 200 system.
	ALT+P	Click this button to print a report, journal, or listing.
	ALT+V	Click this button to preview a report, journal, or listing before printing it.
	ALT+S	Click this button to change the printing configurations for the report, journal, or listing.
	SHIFT+F1	Displays Help text for the window.
	ALT+O	Click OK for dialog boxes and line entries.
	ALT+U	Undo line changes.

Button	Keyboard	Description
	ALT+N	Inserts a line.
	ALT+E	Deletes a line.
	ALT+1, 2, 3 . . .	In a data entry window, selects the first tab, second tab, third tab . . .
	ALT+B	Opens a Batch window where you can start a multiple data entry session.
		Sends an e-mail to the address entered in the E-mail Address field.
		Displays a text window to enter or view additional information about an item.
	ALT+M	Opens the Memo Maintenance window where you can write a memo.
	ALT+Q	Launches the MapQuest website for directions to a location.
	ALT+S	Shows the image specified at the adjacent field.
	ALT+S	Search through a list or Lookup window for items that match a specified search criteria. Use the Search option to limit the number of items in a list or Lookup window.
	ALT+U	Launches a website based on the URL entered at the URL Address field.
	ALT+N	Displays the next number for a record. Click this button to add a new item.
		Changes the size of the window to the expanded view.
		Changes the size of the window to the standard view.
	ALT+Z	Displays the details of an item.
		Calculates the net balance.
	F2	Opens the calculator.
	F2	Opens the calendar.
		Displays options for changing budget amounts.
	ALT+U	De-selects all rows in a grid.

Button	Keyboard	Description
	ALT+S	Selects all rows in a grid.
		Selects a column in a grid.
		Selects a row in a grid.
	ALT+N	Inserts a row in a grid.
	ALT+W	Moves a row down in a grid.
	ALT+U	Moves a row up in a grid.
		This button prints a report from a grid.
	ALT+E	Deletes a row in a grid.
	ALT+R	Resets a row in a grid.
		Saves changes.
		Switches between displaying the New Balance view and the Debits and Credits view.
		Lists files in a directory.
		Opens a Text Maintenance window where you can write an extended description.
		This button is available on a Lookup window. Click Filters to enter additional filters for the lookup. The text on this button will appear in red, if filters already exist.
		This button is available on a Lookup window. Click Custom to create a unique lookup view by adding, removing, and/or modifying columns and filters.
		This button is available on a Lookup window. Click Find to activate the search.
		Click Select to select a record, or double-click the current line.

This concludes *Chapter 4: Navigating in Library Master Extensions* of the Library Master Extensions manual.

Using the Main Menu

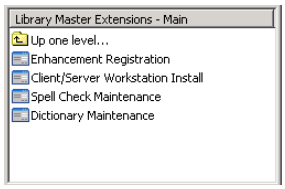
Chapter 5: Using the Main Menu teaches you how to use the features available in the Main menu of the Library Master Extensions module.

How to Use the Main Menu

Open a Window from the Main Menu

1 Double-click the **Library Master Extensions** module from the Modules tab. The module expands to display all the menu options available in the Library Master Extensions module.

2 Click the **Main** menu. The names of the windows available in the menu appear on the right side of the Sage MAS 90 or 200 window.



Windows Available in the Main Menu

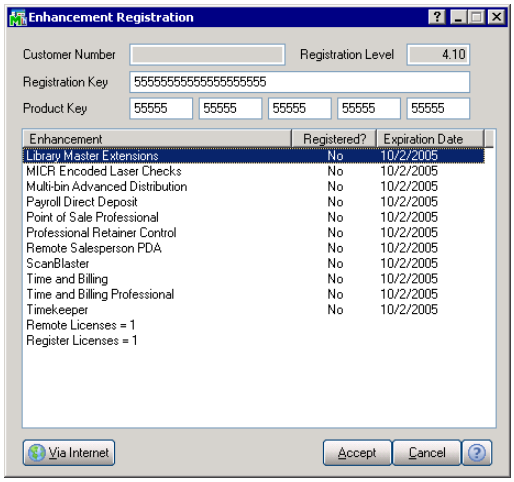
3 Double-click the name of the window to open. The system displays the selected window.

Enhancement Registration

The Enhancement Registration feature registers enhancements that you install. All enhancements require registration for complete access to all software features.

Register an Enhancement

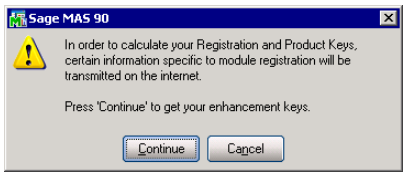
1 From the **Main** menu of the Library Master Extensions module, select **Enhancement Registration**. The Enhancement Registration window appears.



Enhancement Registration Window

This window displays the enhancements installed on your system, whether they are registered, and the expiration date if one applies.

2 To obtain your registration key and product key without contacting your reseller, click the **Via Internet** button. The following warning may appear.


Sage MAS 90
In order to calculate your Registration and Product Keys, certain information specific to module registration will be transmitted on the internet.
Press 'Continue' to get your enhancement keys.
Continue
Cancel

Sage MAS 90 Dialog

3 Click **Continue** and your registration key, product keys, and licenses will be updated.

4 If you do contact your reseller, enter the registration key the reseller supplied in the **Registration Key** field. This number will be between 4 and 20 characters.

5 Enter the unlocking key from your reseller in the **Product Key** field. This number is 25 characters and unlocks all purchased enhancements.

If you purchase another enhancement, you will receive a new product key that will work for newly purchased products in addition to existing modules.

6 To access your unlocking keys from the Internet, click the **Via Internet** button.

7 Click **Accept**. The system registers the purchased enhancements.

Client/Server Workstation Install

The Client/Server Workstation Install feature allows your company to install client/server versions of enhancements on your company's server, as well as on your local workstation.

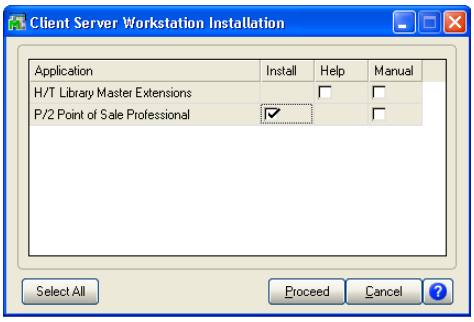
SPECIAL NOTE: This feature is used with **Sage MAS 200** ONLY!

You can install only the program files necessary to run the enhancements on your employees' workstations, and the full installation on your company's server.

This utility automatically detects the enhancements that have been installed on your company's server and presents you with a series of options to copy select program files to your local workstation. You can opt to install program-specific bitmap images, help files, and user manuals to your local workstation by selecting the appropriate check boxes for the desired application(s).

Perform the Client/Server Workstation Installation

1 From the **Main** menu of the Library Master Extensions module, select **Client Server Workstation Install**. The Client Server Workstation Installation window appears.



Client Server Workstation Installation Window

The **Application** field displays the enhancements that are installed on your company's server.

2 Check the **Install** field to copy program-specific bitmap images for the selected application(s) from your company's server to your local workstation.
A new folder is created within your local Sage MAS 200 directory for each selected application and contains the installed bitmap images.

3 Check the **Help** field to copy the help files for the selected application(s) from your company's server to your local workstation.
The installed help files are placed in the Help folder within your local Sage MAS 200 directory.

4 Check the **Manual** field to copy the user manual for the selected application(s) from your company's server to your local workstation.
The installed user manuals are placed in the Docs folder within your local Sage MAS 200 directory.

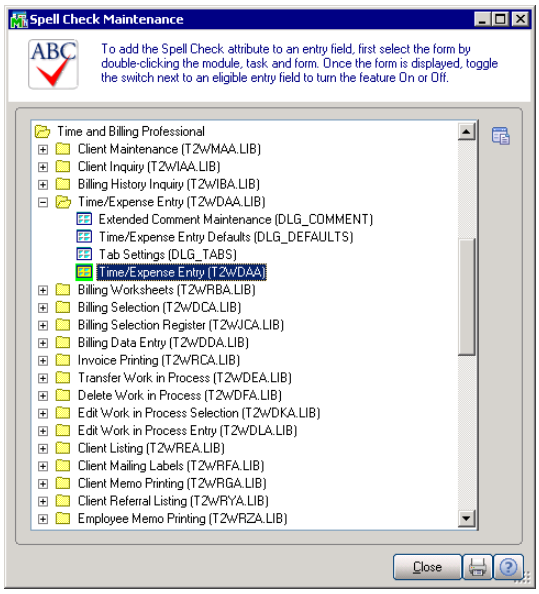
5 Click **Proceed** to copy the selected files from the server to your local workstation.

Spell Check Maintenance

Spell Check Maintenance allows you to check the spelling of any data-entry field in Sage MAS 90 or 200 by pressing CTRL + F1 (press F11 in a Citrix environment). Use the Spell Check Maintenance feature to specify the fields you require to be spell checked whenever they are modified.

Select the Items to be Spell Checked

1 From the **Main** menu of the Library Master Extensions module, select **Spell Check Maintenance**. The Spell Check Maintenance window appears.

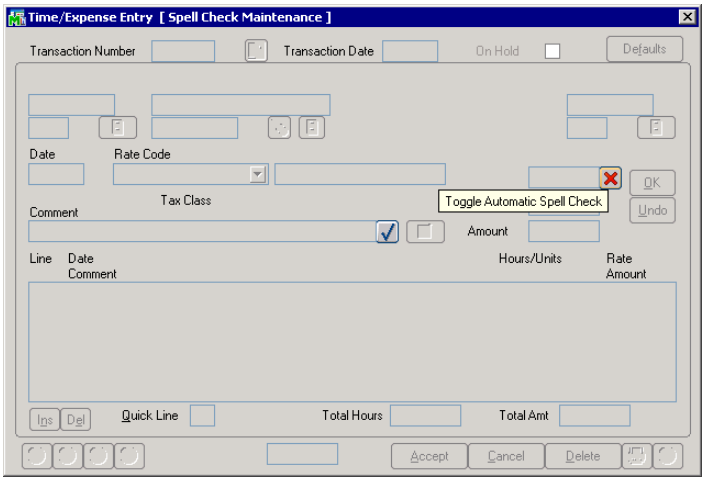

Spell Check Maintenance
To add the Spell Check attribute to an entry field, first select the form by double-clicking the module, task and form. Once the form is displayed, toggle the switch next to an eligible entry field to turn the feature On or Off.
Time and Billing Professional
Client Maintenance (TZWMAA.LIB)
Client Inquiry (TZWIAA.LIB)
Billing History Inquiry (TZWIBA.LIB)
Time/Expense Entry (TZWDAA.LIB)
Extended Comment Maintenance (DLG_COMMENT)
Time/Expense Entry Defaults (DLG_DEFAULTS)
Tab Settings (DLG_TABS)
Time/Expense Entry (TZWDAA)
Billing Worksheets (TZWRBA.LIB)
Billing Selection (TZWDCA.LIB)
Billing Selection Register (TZWJCA.LIB)
Billing Data Entry (TZWDDA.LIB)
Invoice Printing (TZWRCA.LIB)
Transfer Work in Process (TZWDEA.LIB)
Delete Work in Process (TZWDFA.LIB)
Edit Work in Process Selection (TZWDKA.LIB)
Edit Work in Process Entry (TZWDLA.LIB)
Client Listing (TZWREA.LIB)
Client Mailing Labels (TZWRFA.LIB)
Client Memo Printing (TZWRGA.LIB)
Client Referral Listing (TZWRYA.LIB)
Employee Memo Printing (TZWRZA.LIB)
Close

Spell Check Maintenance Window

2 Open the *module* you want to use the spell check feature with by double-clicking the icon to view all the menus for the module.

3 Double-click the icon for a *menu* to view all the windows you can use the spell check feature with.

4 Double-click the icon for a *window* to view all the entry fields you can use the spell check feature with. The Spell Check Maintenance window for the selected module appears.



Time/Expense Entry Spell Check Maintenance Window

5 The fields that you can spell check are marked by the **Toggle Automatic Spell Check** ( ) button. Select the fields you want to spell check by clicking the button. The icon changes to a check mark icon.

NOTE: The field names are coded because the fields are read directly from the Sage MAS 90 or 200 libraries. As a result, Spell Check Maintenance can check the spelling of any field in your system, including fields developed for future releases of the software.
Use the Customizer feature in the Custom Office module to research the names of the fields, or use the Data Dictionary for the names of fields within your modules.

6 Close the module window when finished selecting all the fields that will be spell checked. The Spell Check Maintenance window appears.

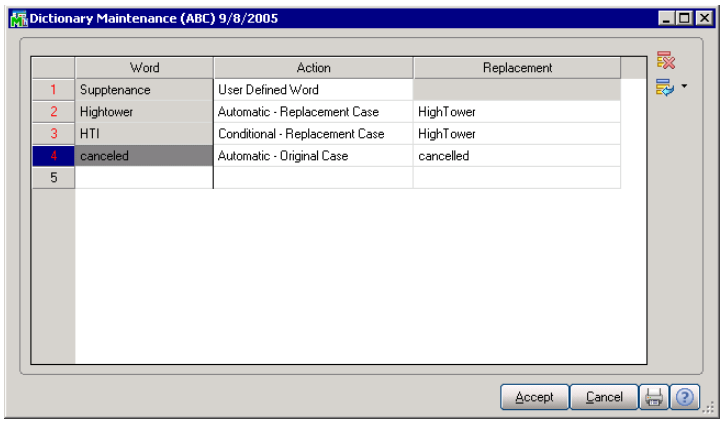
7 Click **Close** to save the changes.

Dictionary Maintenance

You can create your own company dictionary to be used with the Spell Check Maintenance feature. The Dictionary Maintenance feature allows you to enter terms unique to your business that would not normally be available in a dictionary. This feature also lets you specify unique capitalization rules for specific words. For example, if a user entered the word **Hightower** and you want the term to appear as **HighTower**, you can correct the capitalization by entering the correct capitalization in Dictionary Maintenance. Dictionary Maintenance can also be used to replace a word. For example, if the HighTower abbreviation **HTI** is entered, you can set Dictionary Maintenance to change it to **HighTower**.

Create Dictionary Terms

1 From the **Main** menu of the Library Master Extensions module, select **Dictionary Maintenance**. The Dictionary Maintenance window appears.



Dictionary Maintenance Window

2 Enter the term you want to add to the dictionary in the **Word** field. This term can be your company-specific term, or a commonly misspelled term.

3 Select the dictionary action to the term from the **Action** field. You can determine how Sage MAS 90 or 200 will respond when a user enters the term. The following table describes each term:

Option	Description
User Defined Word	Select User Defined Word to create a new word that is not normally found in a dictionary. When you select this option, the Replacement field is not necessary.
Automatic - Original Case	Select Automatic - Original Case to have Sage MAS 90 or 200 automatically change a term, using the same case as the original term entered. For example, the words *cancelled* and *canceled* are both considered correct spellings. You can set Sage MAS 90 or 200 to automatically replace *canceled* with *cancelled*. The word will be entered in the correct case size (capital or small) as was originally entered by the user.
Automatic - Replacement Case	Select Automatic - Replacement Case to have Sage MAS 90 or 200 automatically change a term to the case size you want. For example, if a user entered the word *Hightower* and you want the term to appear as *HighTower*, you can set Sage MAS 90 or 200 to automatically replace the term.
Conditional - Original Case	Just as with the Automatic - Original Case option, you can set Sage MAS 90 or 200 to change a term, using the same case as the original term entered. However, with the Conditional - Original Case feature, this change will not be automatic. The term will be highlighted during entry and the correct term offered as a suggestion to the user. The user can then select whether or not to change the term.
Conditional - Replacement Case	Just as with the Select Automatic - Replacement Case option, you can set Sage MAS 90 or 200 to change a term to the case size you want. However, with the Conditional - Replacement Case feature, this change will not be automatic. The term will be highlighted during entry and the correct term offered as a suggestion to the user. The user can then select whether or not to change the term.

4 Enter your corrected term in the **Replacement** field. This term will be the word that is used in Sage MAS 90 or 200.

5 When finished entering dictionary terms, click **Accept** to save the changes.

NOTE: The next time you open the Dictionary Maintenance window, the dictionary terms will be sorted alphabetically.

This concludes *Chapter 5: Using the Main Menu* in the Library Master Extensions manual.

Using the Remote Menu

Chapter 6: Using the Remote Menu contains instructions on how to set up remote modules.

How to Use the Remote Menu

Open a Window from the Remote Menu

1 Double-click the **Library Master Extensions** module from the Modules tab. The module expands to display all the menu options available in the Library Master Extensions module.

2 Click the **Remote** menu. The names of the windows available in the menu appear on the right side of the Sage MAS 90 or 200 window.

Windows Available in the Remote Menu

3 Double-click the name of the window to open. The system displays the selected window.

Device Setup Overview

The PDA Synchronization software consists of software provided by the handheld operating system vendors (such as PalmSource for the Palm OS and Microsoft for Pocket PCs) and software written in the ProvideX programming language of Sage MAS 90 and Sage MAS 200.

Timekeeper and Remote Salesperson use AppForge MobileVB™ software (but not ScanBlaster). Timekeeper and ScanBlaster require device licenses, but Remote Salesperson does not (Remote Salesperson requires an external user licenses). The device license structure is based on the user, device, and application.

- Users are set up in Remote User Maintenance (see page 40).
- Devices are set up in Remote Device Maintenance (see page 40).
- Licenses are managed in Remote License Maintenance (see page 41).

Standard Storage Locations

PDA Applications are stored in the Sage MAS 90 or 200 directory structure. Palm applications are located at MAS90\HT\Palm, and Pocket PC applications are located at MAS90\HT\WinCE.

The applications are stored in the Sage MAS 90 or 200 directory structure primarily to ease installation of service packs. It also means that everyone will easily know where the latest application is.

Recommended and Minimum Hardware

These hardware specifications indicate the recommended, and lowest possible, hardware configurations.

Palm OS Devices

- Recommended: Palm OS 5.0 or higher, 8 MB of RAM or higher
- Minimum: Palm OS 3.5 or higher, 8 MB of RAM or higher

Pocket PC Devices

- Pocket PC 2002 or Pocket PC 2003 handheld running an ARM/XScale, MIPS, or SH3 processor
- At least 4 MB of available storage space (RAM)
- Will not work from storage cards (such as SD cards)

Installing and Configuring Your PDA Device

This section briefly describes how to install software to your PDA device and what to configure before you can use the enhancement. Full details for installing software to your PDA device exist in the user manual for the module being installed. View the Glossary (see page 60) for any terms not familiar to you.

Palm OS Devices

Synchronization of data from a Palm OS device is handled by the HotSync® Manager. The HotSync Manager runs a conduit. The execution of the conduit is determined by two conditions. The first is that the conduit must be registered with the HotSync Manager. The second is that the Palm OS application associated with the conduit is present on the device.

To use a module on a Palm OS device, a Palm Desktop of 4.0 or later must be installed, and at least one Palm OS device must have synchronized with the workstation. Preparing a Palm OS device for synchronization with Sage MAS 90 or 200 is a three-step process. The first part is done by creating an entry in Remote Device Maintenance. Secondly, for Timekeeper and ScanBlaster, a license is needed. You can reserve a license using Remote License Maintenance.

To install a module to a Palm OS device, you must use the PDA Application Install (see page 42) feature. The installation process must be performed once per device. The application will not appear on the device until this wizard is successfully run.

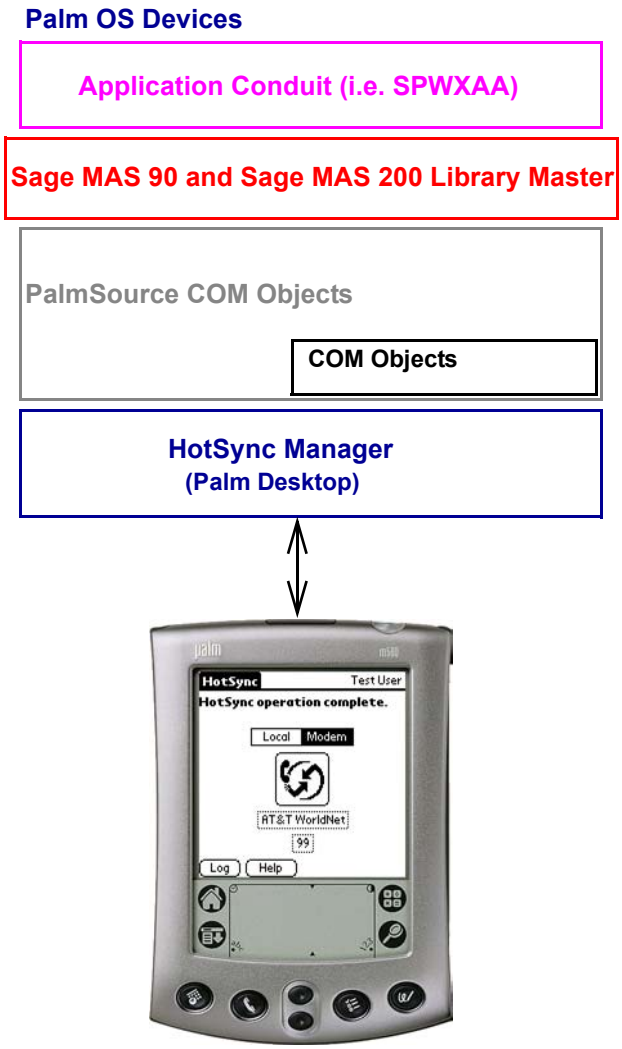
Pocket PC Devices

To use a module on a Pocket PC device, first you must create an entry in Remote Device Maintenance (see page 40). Secondly, for Timekeeper and ScanBlaster, a license is needed. You can reserve a license using Remote License Maintenance (see page 41). For synchronizing with a Pocket PC device, Sage MAS 90 or 200 runs a synchronization program residing on the device. The execution of this is based on two conditions. The first is that the device is connected to the workstation via ActiveSync®. The second is that the Pocket PC application associated with the synchronization program is present on the device.

To install a module to a Pocket PC device, you must use the PDA Application Install (see page 42) feature. The installation process must be performed once per device. Your Pocket PC device must be connected to the workstation for this command to succeed.

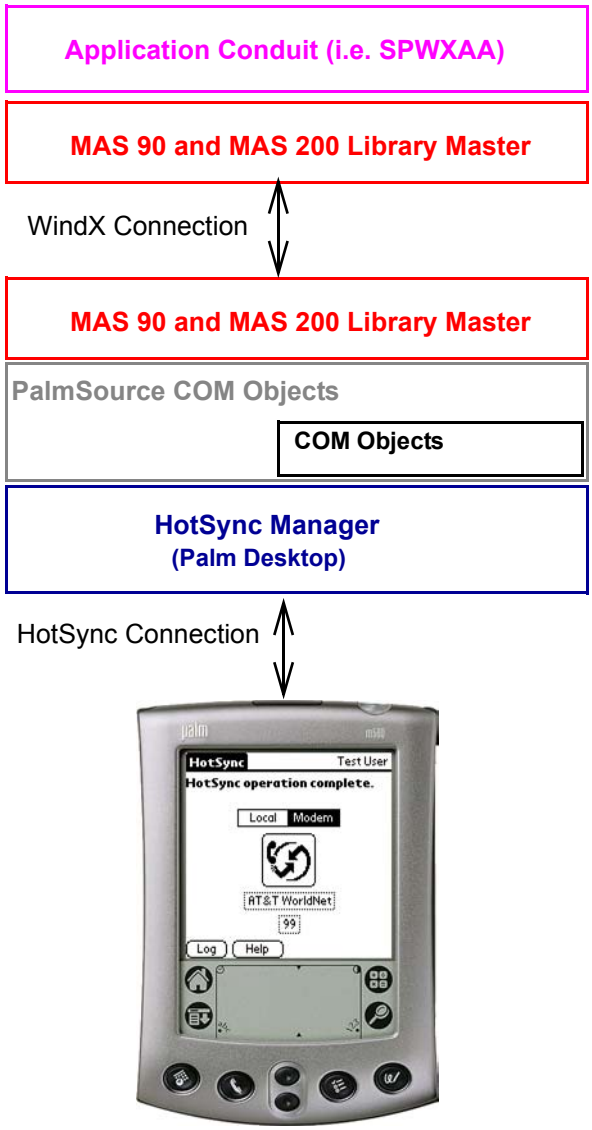
Synchronization Architecture

This section briefly describes how the Palm OS and Pocket PC synchronize the data with Sage MAS 90 or 200 for the remote modules. The synchronization process is different for the Palm OS and Pocket PC devices. View the Glossary (see page 60) for any terms not familiar to you.



General Architecture of Synchronizing Sage MAS 90 with a Palm OS Device

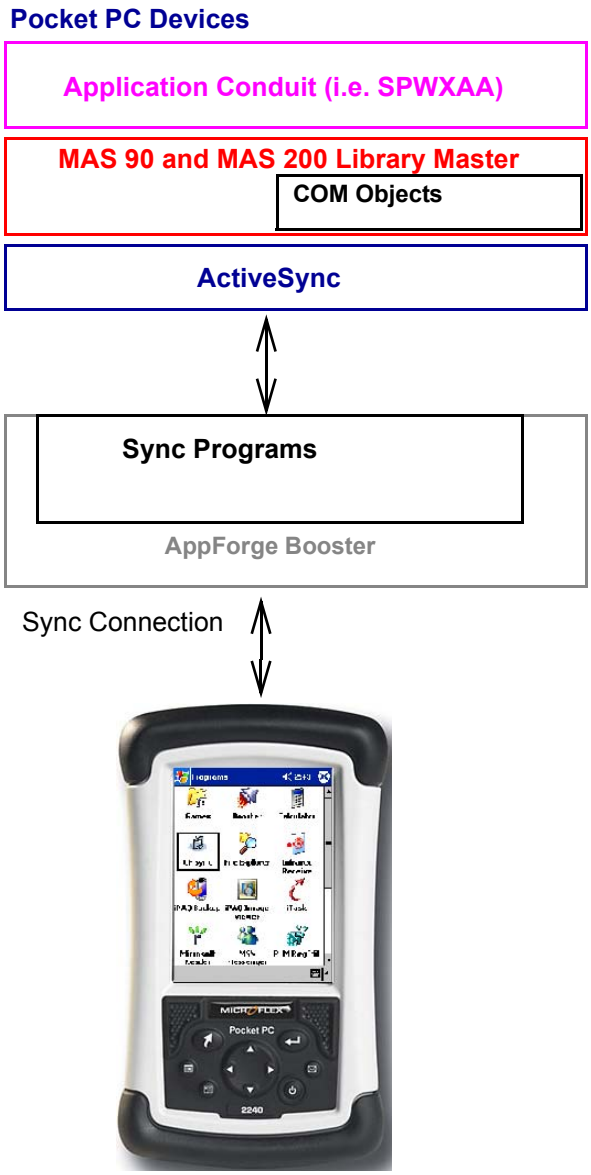
The HotSync Manager itself is what does the actual communication between the Palm OS device and the workstation. It takes care of things such as protocol (network, serial, USB, etc.), user identification, and actually starting the individual conduits.



General Architecture of Synchronizing MAS 200 with a Palm OS Device

The synchronization of a Palm OS device across a Sage MAS 200 connection has a slightly different architecture. Most of the code that actually sends data to the HotSync Manager must be executed on the same workstation as the HotSync Manager. To achieve this effect, copies of the necessary Library Master programs are on the workstation as well.

With a Sage MAS 200 connection there are at least two layers of slower wire-line communication, so synchronizing in this scenario may be slower than synchronizing with a Sage MAS 90 installation. This fact is especially important to keep in mind when using technologies like Citrix.



General Architecture of Synchronizing MAS 90 with a Pocket PC Device

The bottom portion of this diagram represents the Pocket PC device. The upper portion represents the workstation. Synchronization on a Pocket PC device is accomplished by selecting Windows CE Sync (see page 49) from the **Remote** menu of the respective module.

Remote User Device Licenses

The ScanBlaster and Timekeeper remote modules require device licenses in order to use Sage MAS 90 or 200 data. Each User/Device/Application combination requires one license. The number of device licenses available for any given Sage MAS 90 or 200 system, is managed by the registration of the Library Master Extensions module. Please contact a reseller to purchase licenses. If the Library

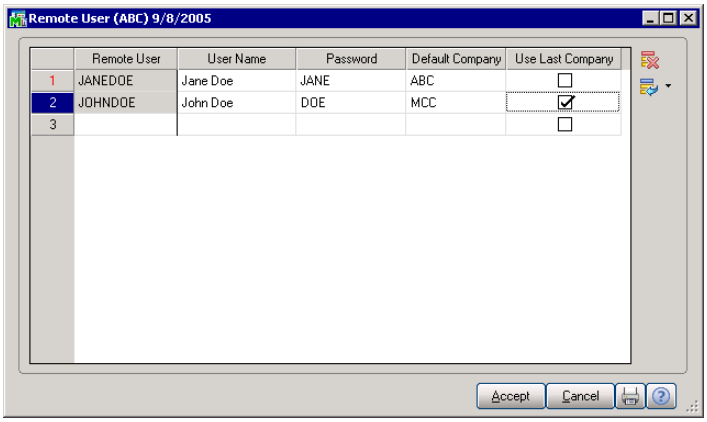
Master Extensions module is not registered, it will allow 45 days for demonstration purposes, which is standard for any Sage MAS 90 or 200 module. The Remote License Maintenance (see page 41) feature will allow one User/Device/Application to be entered and accessed for 45 days.

Remote User Maintenance

The Remote User Maintenance feature is used to create remote users. You use this feature if your company uses the ScanBlaster or Timekeeper modules.

Create a Remote User

1 From the **Remote** menu of the Library Master Extensions module, select **Remote User Maintenance** to open the Remote User window.



Remote User Window

2 Enter the login name of the user in the **Remote User** field.

3 Enter the full name of the user in the **User Name** field.

4 Enter the user's password in the **Password** field.

5 Enter the default company code in the **Default Company** field.

6 Check **Use Last Company** to default the data to the last active company.

> **NOTE:** The **Default Company** and **Use Last Company** fields work with the Internet device for .timekeeper.

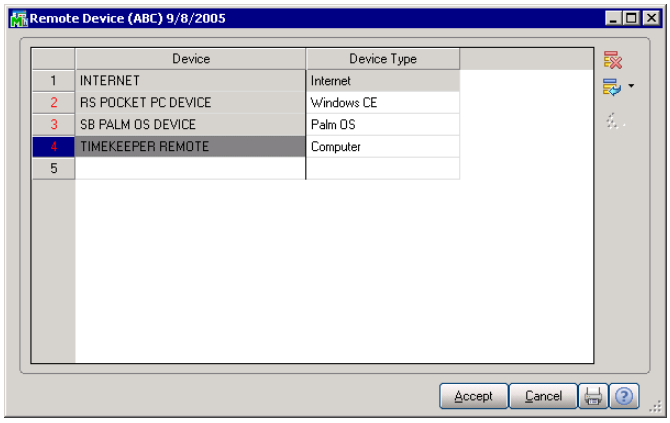
7 Click **Accept** to save the changes.

Remote Device Maintenance

The Remote Device Maintenance feature is used to create remote devices for Sage MAS 90 or 200.

Create a Remote Device

1 From the **Remote** menu of the Library Master Extensions module, select **Remote Device** to open the Remote Device window.



Remote Device Window

2 Enter the name of the device in the **Device Name** field.

3 Select the type of device from the **Device Type** field.

- Select **Palm OS** if the device is a Palm device,.
- Select **Windows CE** if the device is a Pocket PC (Windows CE) device.
- Select **Computer** for a workstation connection.

4 Click **Accept**. The system saves the changes.

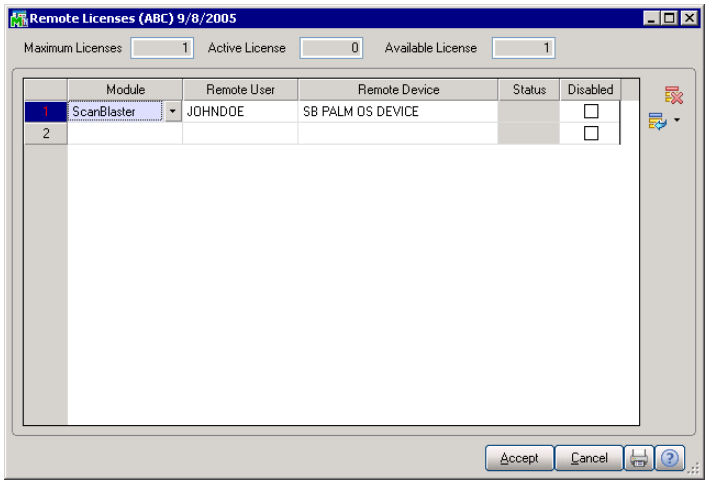
Remote License Maintenance

The Remote License Maintenance feature is used to assign available licenses to particular applications. Each User/Device/Application combination requires one license.

You use this feature if your company uses the ScanBlaster or Timekeeper modules.

Create a Remote License

1 From the **Remote** menu of the Library Master Extensions module, select **Remote License Maintenance** to open the Remote License window.



Remote License Maintenance Window

2 Select the module from the **Module** field.

3 Select the name of the remote user created on the on the Remote User Maintenance window (see page 40) from the **Remote User** field.

4 Select the name of the device you created on the Remote Device Maintenance window (see page 40) from the **Remote Device** field.

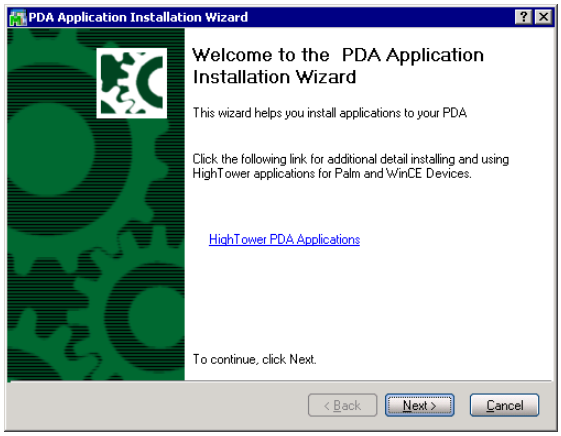
5 Click **Accept**. This license is set to **Pending** until the user synchronizes the data.

PDA Application Install

The PDA Application Install feature is required to install all remote modules on PDA devices. You must connect your PDA device while installing.

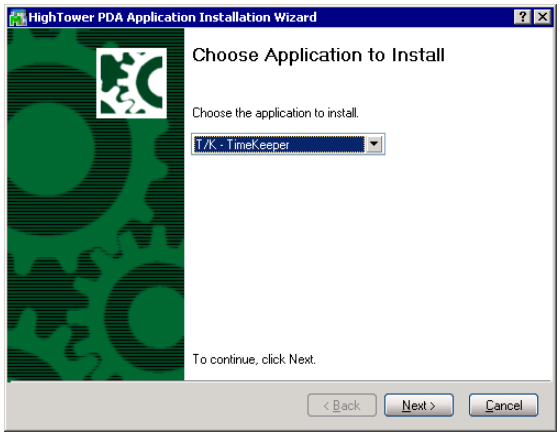
Install the Module on a Palm Device

1 From the **Remote** menu of the Library Master Extensions module, select **PDA Application Install**. The PDA Application Installation wizard starts.


PDA Application Installation Wizard
Welcome to the PDA Application Installation Wizard
This wizard helps you install applications to your PDA
Click the following link for additional detail installing and using HighTower applications for Palm and WinCE Devices.
HighTower PDA Applications
To continue, click Next.
< Back
Next >
Cancel

PDA Application Installation Wizard Window

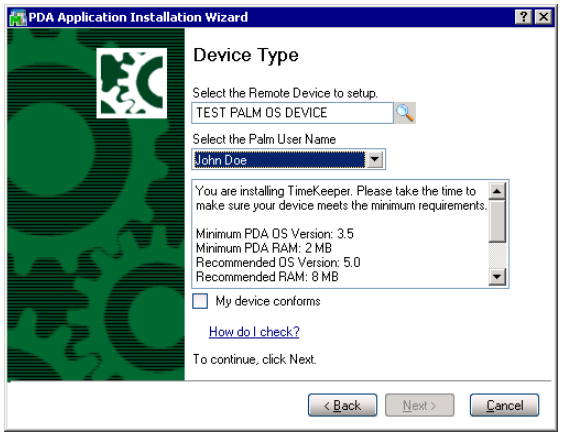
2 Click **Next** on the Welcome screen to access the next window.



PDA Application Installation Wizard Window

3 Select the enhancement to install from the **Choose the application to install** field, and click **Next**.

The following window appears.

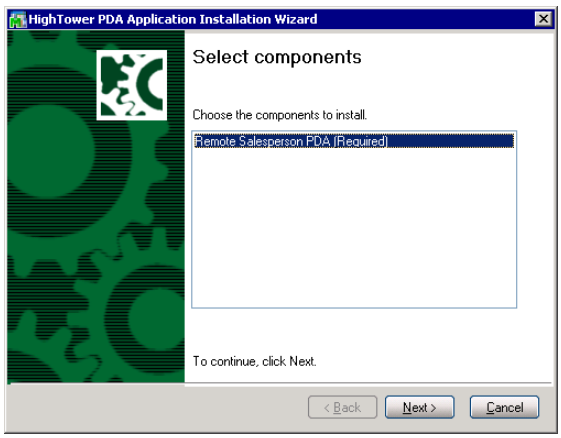

PDA Application Installation Wizard
Device Type
Select the Remote Device to setup.
TEST PALM OS DEVICE
Select the Palm User Name
John Doe
You are installing TimeKeeper. Please take the time to make sure your device meets the minimum requirements.
Minimum PDA OS Version: 3.5
Minimum PDA RAM: 2 MB
Recommended OS Version: 5.0
Recommended RAM: 8 MB
My device conforms
How do I check?
To continue, click Next.
< Back
Next >
Cancel

PDA Application Installation Wizard Window

4 Select the remote device you created, and check your device for the minimum requirements (see the instructions under the **How do I check?** section in the installation wizard).

5 Check **My device conforms**, and then click **Next** to access the next window.

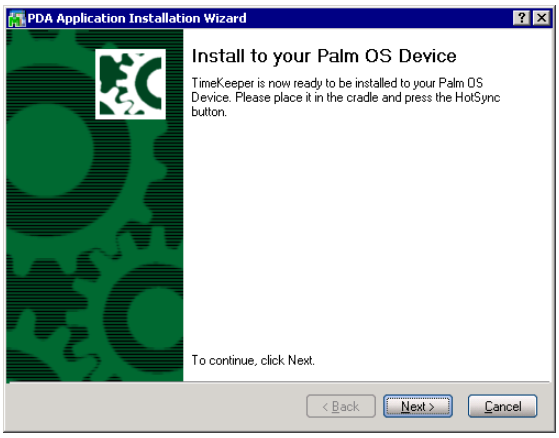
If you have multiple enhancements being installed on the same PDA device, the following installation window appears.



PDA Application Installation Wizard Window

6 Select the applications to install, and click **Next**.

The following window appears. .

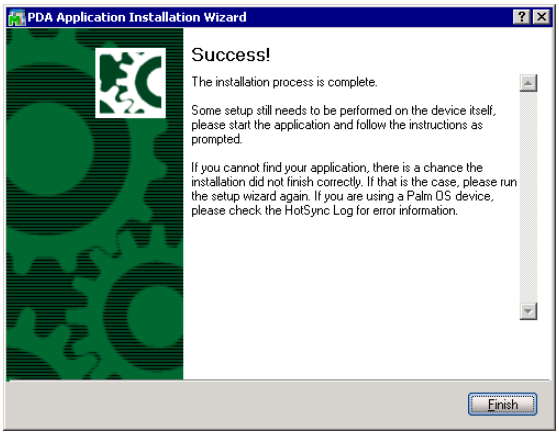

PDA Application Installation Wizard
Install to your Palm OS Device
TimeKeeper is now ready to be installed to your Palm OS Device. Please place it in the cradle and press the HotSync button.
To continue, click Next.
< Back
Next >
Cancel

PDA Application Installation Wizard Window

7 Click **Next** to install the application.

NOTE: Perform a HotSync operation on the Palm OS device to finish installing the application.

After performing the HotSync, the following window appears.


PDA Application Installation Wizard
Success!
The installation process is complete.
Some setup still needs to be performed on the device itself, please start the application and follow the instructions as prompted.
If you cannot find your application, there is a chance the installation did not finish correctly. If that is the case, please run the setup wizard again. If you are using a Palm OS device, please check the HotSync Log for error information.
Finish

PDA Application Installation Wizard Window

8 Click **Finish** to close the installation wizard.

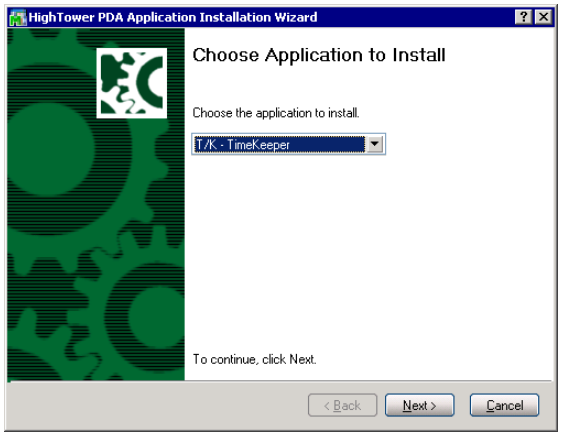
Install the Module on a Pocket PC Device

1 From the **Remote** menu of the Library Master Extensions module, select **PDA Application Install**. The PDA Application Installation wizard starts.

PDA Application Installation Wizard
Welcome to the PDA Application Installation Wizard
This wizard helps you install applications to your PDA
Click the following link for additional detail installing and using HighTower applications for Palm and WinCE Devices.
HighTower PDA Applications
To continue, click Next.
< Back
Next >
Cancel

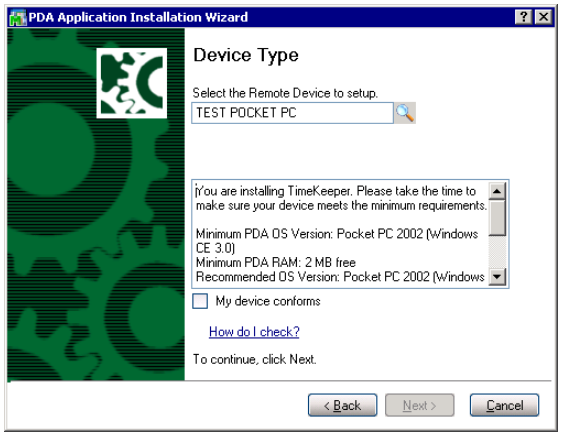
PDA Application Installation Wizard Window

2 Click **Next** on the Welcome screen to access the following window.



PDA Application Installation Wizard Window

3 Select the enhancement to install from the **Choose the application to install** field, and click **Next**.

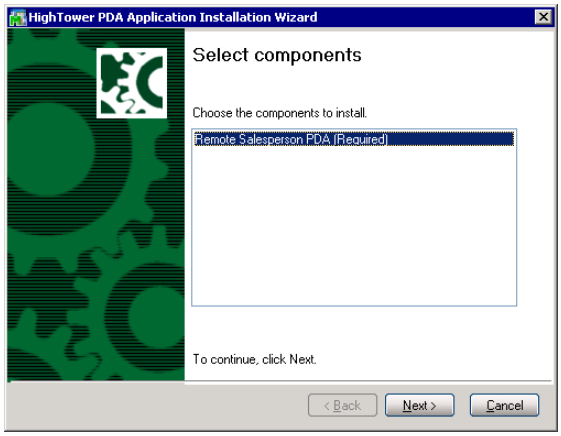

PDA Application Installation Wizard
Device Type
Select the Remote Device to setup.
TEST POCKET PC
You are installing TimeKeeper. Please take the time to make sure your device meets the minimum requirements.
Minimum PDA OS Version: Pocket PC 2002 (Windows CE 3.0)
Minimum PDA RAM: 2 MB free
Recommended OS Version: Pocket PC 2002 (Windows
My device conforms
How do I check?
To continue, click Next.
< Back
Next >
Cancel

PDA Application Installation Wizard Window

4 Select the remote device you created, and check your device for the minimum requirements (see the instructions under the **How do I check?** section in the installation wizard).

5 Check **My device conforms**, and click **Next** to access the next window.

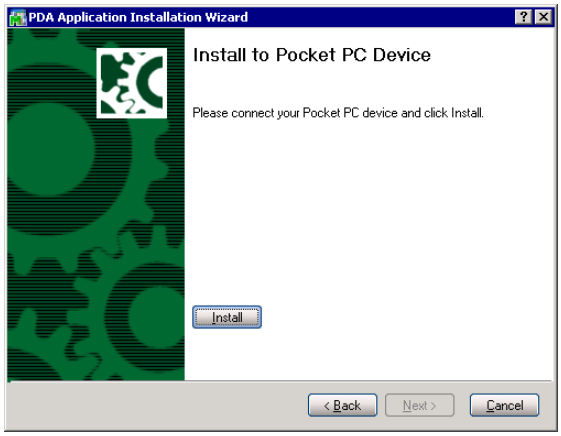
If you have multiple enhancements being installed on the same PDA device, the following installation window appears.



PDA Application Installation Wizard Window

6 Select the applications to install, and click **Next**.

The following window appears.


PDA Application Installation Wizard
Install to Pocket PC Device
Please connect your Pocket PC device and click Install.
Install
< Back
Next >
Cancel

PDA Application Installation Wizard Window

7 Click **Install** to install the application. The installation process begins.

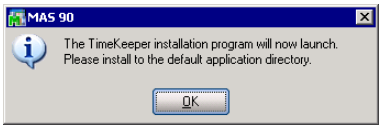
8 If the following dialog appears, click **Yes**..

Application Downloading Complete
Please check your mobile device screen to see if additional steps are necessary to complete this installation.
OK

Application Downloading Complete Dialog

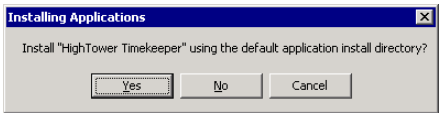
9 Check your device to see if any additional steps are required.

10 After completing the additional steps, click **OK**. The following dialog appears for the module you are installing.



MAS 90 Dialog

11 Click **OK**. The following dialog appears.



Installing Applications Dialog

12 Click **Yes**. The following dialog appears.

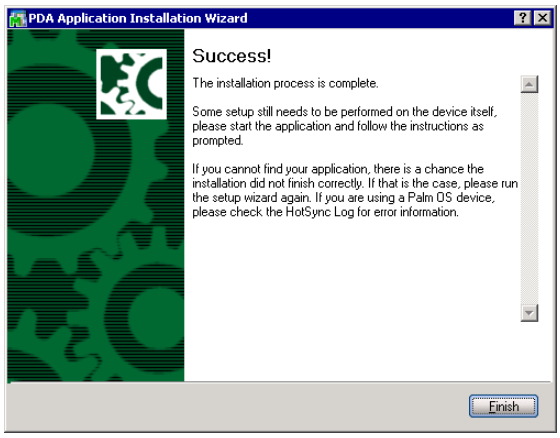
Application Downloading Complete
Please check your mobile device screen to see if additional steps are necessary to complete this installation.
OK

Application Downloading Complete Dialog

13 Check your device to see if any additional steps are required.

14 After completing the additional steps, click **OK**.

After you install the application, the following window appears.


PDA Application Installation Wizard
Success!
The installation process is complete.
Some setup still needs to be performed on the device itself, please start the application and follow the instructions as prompted.
If you cannot find your application, there is a chance the installation did not finish correctly. If that is the case, please run the setup wizard again. If you are using a Palm OS device, please check the HotSync Log for error information.
Finish

PDA Application Installation Wizard Window

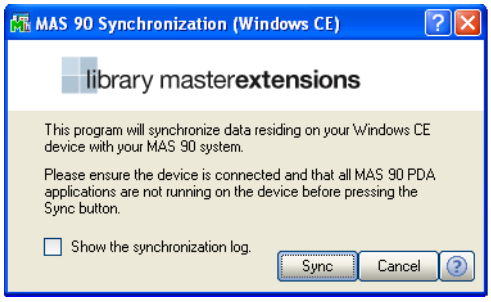
15 Click **Finish** to close the installation wizard.

Windows CE Sync

Use the Windows CE Sync window to locally synchronize your application on your Windows CE device with your Sage MAS 90 or 200 system.

Synchronize Your Windows CE Device with the Sage MAS 90 or 200 System

1 From the **Remote** menu in the Library Master Extensions module, select Windows CE Sync. The MAS 90 Synchronization window appears.


MAS 90 Synchronization (Windows CE)
library masterextensions
This program will synchronize data residing on your Windows CE device with your MAS 90 system.
Please ensure the device is connected and that all MAS 90 PDA applications are not running on the device before pressing the Sync button.
Show the synchronization log.
Sync
Cancel

Timekeeper CE Sync Window

2 Ensure your Windows CE device is connected and Sage MAS 90 or 200 PDA applications are not running on the device before performing this synchronization procedure.

3 Click **Sync**. The system synchronizes the data.

This concludes *Chapter 6: Using the Remote Menu* of the Library Master Extensions manual.

Using the Utilities Menu

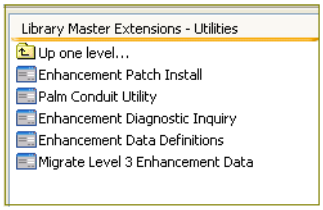
Chapter 7: Using the Utilities Menu contains instructions on how to use the features available in the Library Master Extensions Utilities menu.

How to Use the Utilities Menu

Open a Window from the Utilities Menu

1 Double-click the **Library Master Extensions** module from the Modules tab. The module expands to display all the menu options available in the Library Master Extensions module.

2 Click the **Utilities** menu. The names of the windows available in the menu appear on the right side of the Sage MAS 90 or 200 window.



Windows Available in the Utilities Menu

3 Double-click the name of the window to open. The system displays the selected window.

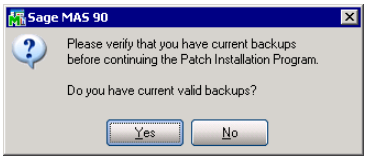
Enhancement Patch Install

The Enhancement Patch Install feature installs modules by inserting lines of code into your existing Sage MAS 90 or 200 modules, and into programs modified by other Master Developers (unless the Master Developer password protects the Sage Software owned Sage MAS 90 or 200 programs).

Complete the Enhancement Patch Installation

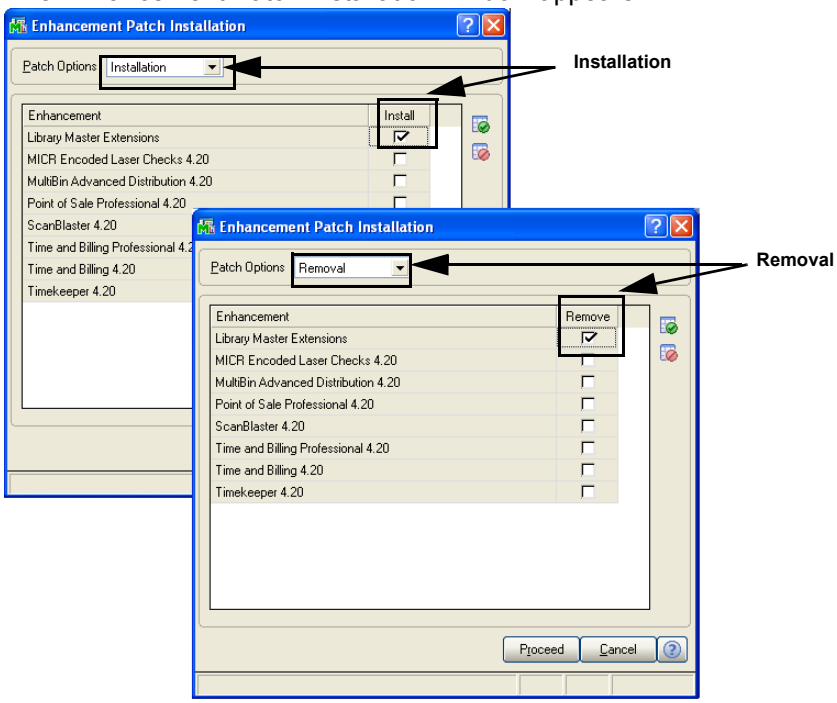
1 Make a backup of your Sage MAS 90 or 200 directory before installing applications.

2 From the **Utilities** menu of the Library Master Extensions module, select **Enhancement Patch Install**. The following Sage MAS 90 or 200 dialog appears.


Sage MAS 90
Please verify that you have current backups before continuing the Patch Installation Program.
Do you have current valid backups?
Yes
No

Sage MAS 90 Dialog

3 Make sure you have the backups, and click **Yes** to begin the patch installation. The Enhancement Patch Installation window appears.



Enhancement Patch Installation Window

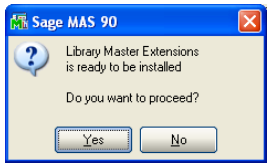
4 Select the **Installation/Removal** option from the **Patch options** field.

- Select **Installation** to install modules.
- Select **Removal** to remove any modules.

5 Select the module you want to install from the **Enhancement** field, and then click the check box available for to the selected module.

- Click the **Select All** ( ) button to select all modules.
- Click the **Unselect All** ( ) button to clear the selection.

6 Click **Proceed**. The following dialog appears.



Sage MAS 90 Dialog

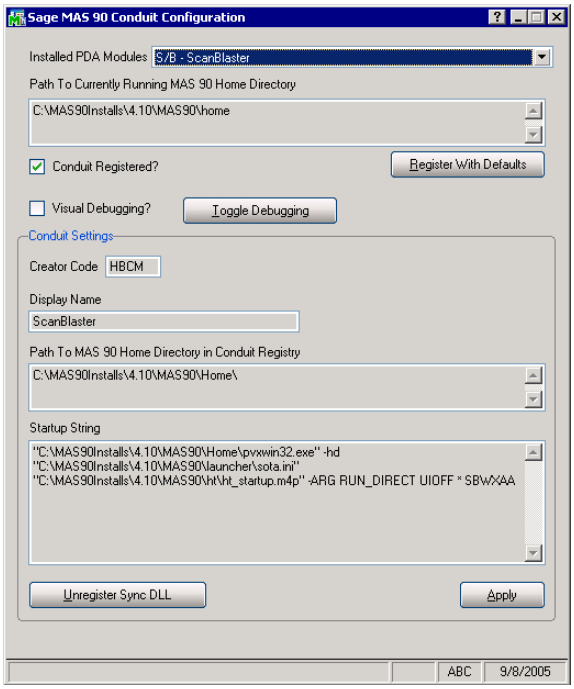
7 Click **Yes**. The system installs the enhancement.

Palm Conduit Utility

The Palm Conduit Utility feature registers the Palm OS conduit for remote modules that have Palm OS components, such as Timekeeper. This utility is meant as an advanced Palm OS conduit setup and configuration tool. Access should be limited to system administrators, but it is not strictly necessary. All of the functions needed by the actual PDA users are contained with the PDA install wizards.

Configure the Conduit

1 From the **Utilities** menu of the Library Master Extensions module, select **Palm Conduit Utility**. The following Sage MAS 90 or 200 window appears.



Sage MAS 90 Conduit Configuration Window

2 Select the remote module from the **Installed PDA Modules** field.

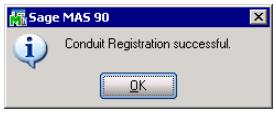
3 Check **Conduit Registered?** if you want to register the conduit on the client.

Clear this field to remove it.

NOTE: Click the **Register With Defaults** button to reset the correct default setting. This command is useful if your conduit path settings are incorrect.

NOTE: DO NOT click the **Toggle Debugging** button unless directed by a Help Desk technician.

4 Click the **Apply** button. The system registers the conduit and displays the following dialog.



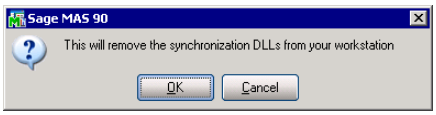
Sage MAS 90 Dialog

5 Click **OK**.

Unregister the Synchronization DLL

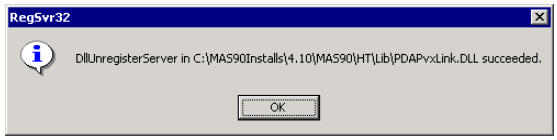
Use the Unregister Sync DLL feature only under the instruction of a help desk representative.

1 Click the **Unregister Sync DLL** button. The system displays the following warning.



Sage MAS 90 Dialog

2 Click **OK**. The following dialog appears.



Sage MAS 90 Dialog

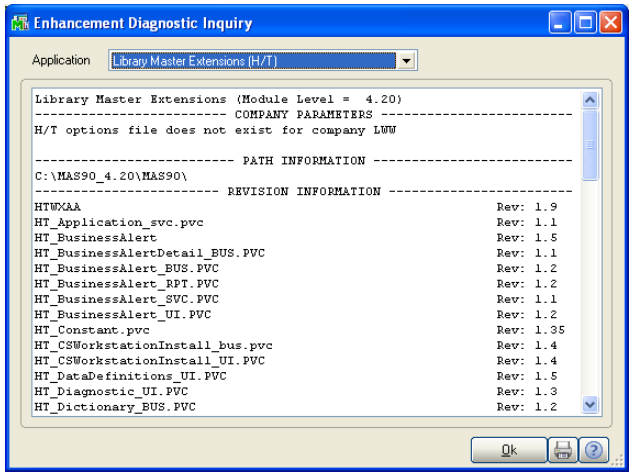
3 Click **OK** when finished.

Enhancement Diagnostic Inquiry

The Enhancement Diagnostic Inquiry feature allows you to view company parameters and program revision information. You can use this feature during troubleshooting procedures. You can also print this information for a list of the revision number for all the programs in the selected module.

Perform Diagnostic Testing

1 From the **Utilities** menu of the Library Master Extensions module, select **Enhancement Diagnostic Inquiry**. The Enhancement Diagnostic Inquiry window appears.



Enhancement Diagnostic Inquiry Window

2 Select the enhancement you want to view from the **Application** field.

The Enhancement Diagnostic Inquiry window lists all the files for the enhancement and the version number of each file. You can use this information during troubleshooting.

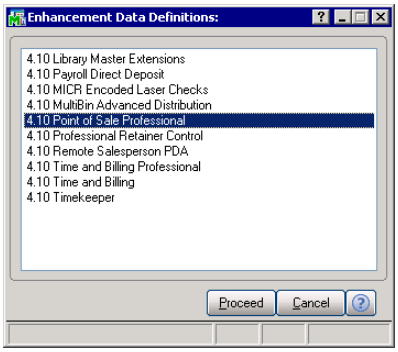
3 Click **OK** when finished.

Enhancement Data Definitions

The Enhancement Data Definitions feature provides the technical details for each field in each of the installed modules. You can use this information for troubleshooting purposes, to find fields that you want to add to graphical reports, or to set up imports.

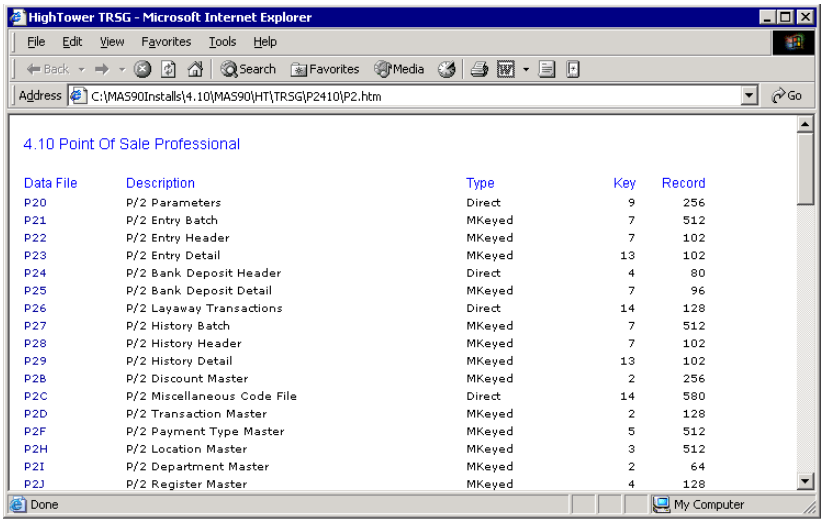
Access the Enhancement Data Definitions

1 From the **Utilities** menu of the Library Master Extensions module, select **Enhancement Data Definitions**. The Enhancement Data Definitions window appears.



Enhancement Data Definitions Window

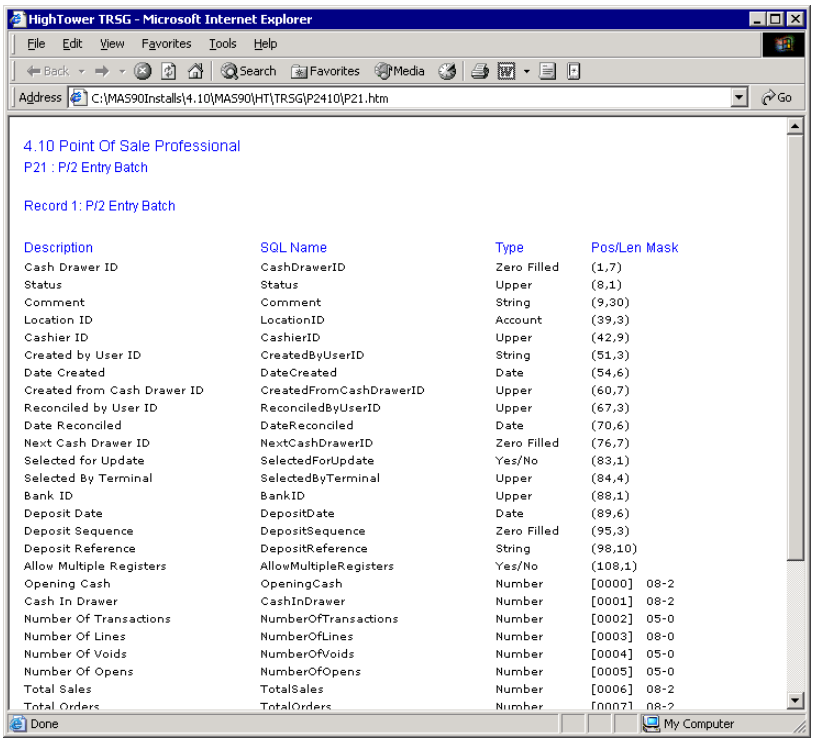
2 Select the module you want to view the definitions for, and click **Proceed**. The system displays the definitions for the module.


HighTower TRSG - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address C:\MAS90Installs\4.10\MAS90\HT\TRSG\P2410\P2.htm
Go
4.10 Point Of Sale Professional
Data File Description Type Key Record
P20 P/2 Parameters Direct 9 256
P21 P/2 Entry Batch MKeyed 7 512
P22 P/2 Entry Header MKeyed 7 102
P23 P/2 Entry Detail MKeyed 13 102
P24 P/2 Bank Deposit Header Direct 4 80
P25 P/2 Bank Deposit Detail MKeyed 7 96
P26 P/2 Layaway Transactions Direct 14 128
P27 P/2 History Batch MKeyed 7 512
P28 P/2 History Header MKeyed 7 102
P29 P/2 History Detail MKeyed 13 102
P2B P/2 Discount Master MKeyed 2 256
P2C P/2 Miscellaneous Code File Direct 14 580
P2D P/2 Transaction Master MKeyed 2 128
P2F P/2 Payment Type Master MKeyed 5 512
P2H P/2 Location Master MKeyed 3 512
P2I P/2 Department Master MKeyed 2 64
P2J P/2 Register Master MKeyed 4 128
Done
My Computer

Enhancement Data Definitions for Point of Sale Professional

The Technical Reference and Support Guide (TRSG) will open in Internet Explorer. The TRSG displays all of the data files for the selected module, as well as their Description, Type, Key, and Record size.

3 Click the name of the **Data File** you want to view. The system displays the detail for the data file.


HighTower TRSG - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address C:\MAS90Installs\4.10\MAS90\HT\TRSG\P2410\P21.htm
Go
4.10 Point Of Sale Professional
P21 : P/2 Entry Batch
Record 1: P/2 Entry Batch
Description SQL Name Type Pos/Len Mask
Cash Drawer ID CashDrawerID Zero Filled (1,7)
Status Status Upper (8,1)
Comment Comment String (9,30)
Location ID LocationID Account (39,3)
Cashier ID CashierID Upper (42,9)
Created by User ID CreatedByUserID String (51,3)
Date Created DateCreated Date (54,6)
Created from Cash Drawer ID CreatedFromCashDrawerID Upper (60,7)
Reconciled by User ID ReconciledByUserID Upper (67,3)
Date Reconciled DateReconciled Date (70,6)
Next Cash Drawer ID NextCashDrawerID Zero Filled (76,7)
Selected for Update SelectedForUpdate Yes/No (83,1)
Selected By Terminal SelectedByTerminal Upper (84,4)
Bank ID BankID Upper (88,1)
Deposit Date DepositDate Date (89,6)
Deposit Sequence DepositSequence Zero Filled (95,3)
Deposit Reference DepositReference String (98,10)
Allow Multiple Registers AllowMultipleRegisters Yes/No (108,1)
Opening Cash OpeningCash Number [0000] 08-2
Cash In Drawer CashInDrawer Number [0001] 08-2
Number Of Transactions NumberOfTransactions Number [0002] 05-0
Number Of Lines NumberOfLines Number [0003] 08-0
Number Of Voids NumberOfVoids Number [0004] 05-0
Number Of Opens NumberOfOpens Number [0005] 05-0
Total Sales TotalSales Number [0006] 08-2
Done
My Computer

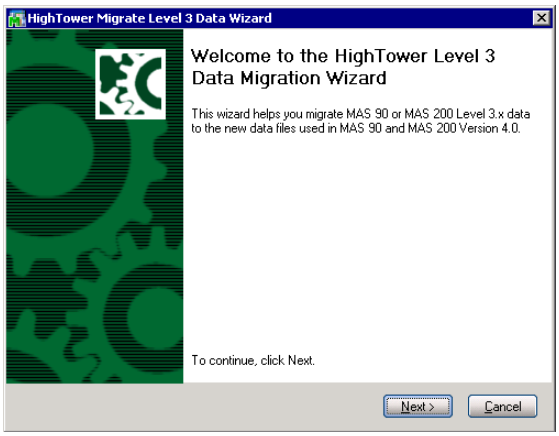
Enhancement Data Definitions for Point of Sale Professional

Migrate Level 3 Enhancement Data

The Migrate Level 3 Data Wizard brings over the remote user, device, and license information from your previous version of Sage MAS 90 or 200. If you have ScanBlaster, Timekeeper, or Remote Salesperson PDA installed on a 4.00+ Sage MAS 90 or 200 system, and also had them installed on a 3.xx level of Sage MAS 90 or 200, then run the Migrate Level 3 Data Wizard to bring over the setup information for these modules. The setup information that will be migrated to your 4.00+ system is Remote User records, Remote Device Records, Remote License records, Fid0Map records, and any MAS90xxx.ini files.

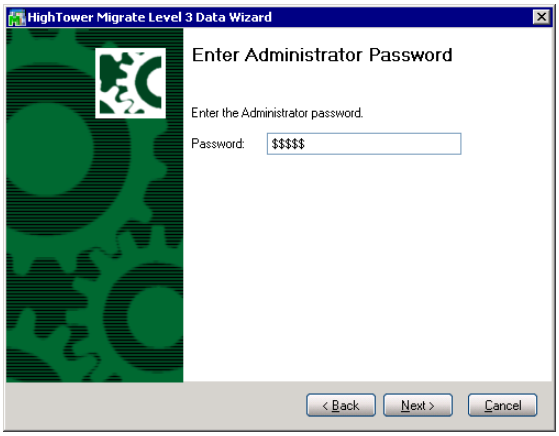
Migrate Level 3 Data

1 From the **Utilities** menu of the Library Master Extensions module, select **Migrate Level 3 Enhancement Data**. The Migrate Level 3 Data Wizard appears.


HighTower Migrate Level 3 Data Wizard
Welcome to the HighTower Level 3 Data Migration Wizard
This wizard helps you migrate MAS 90 or MAS 200 Level 3.x data to the new data files used in MAS 90 and MAS 200 Version 4.0.
To continue, click Next.
Next >
Cancel

Migrate Level 3 Data Wizard

2 From the Welcome window, click **Next** to continue. The following window appears.



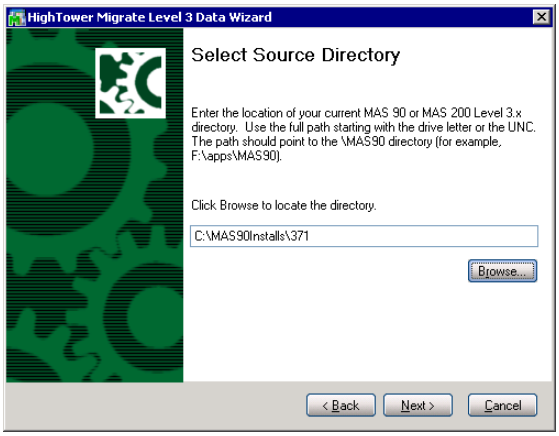
Migrate Level 3 Data Wizard

3 Enter the password for the administrator if security is turned on for the Sage MAS 90 or 200 system.

If security is NOT turned on, then this screen will not appear.

4 Click **Next** to continue.

The following window appears.

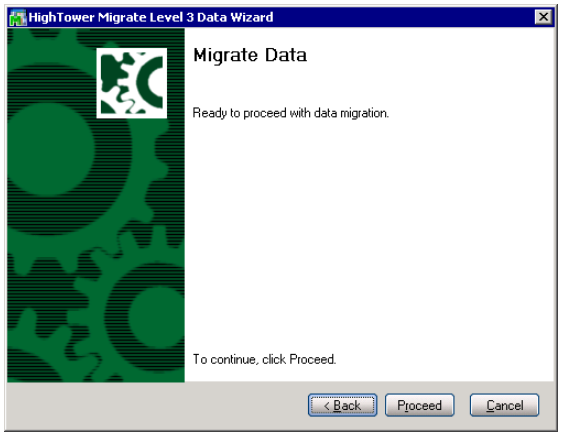

HighTower Migrate Level 3 Data Wizard
Select Source Directory
Enter the location of your current MAS 90 or MAS 200 Level 3.x directory. Use the full path starting with the drive letter or the UNC. The path should point to the \MAS90 directory (for example, F:\apps\MAS90).
Click Browse to locate the directory.
C:\MAS90Installs\371
Browse...
< Back
Next >
Cancel

Migrate Level 3 Data Wizard

5 Enter the path for the Sage MAS 90 or 200 Level 3.xx system that has the data to copy.

You can click the **Browse** button and navigate to the Sage MAS 90 or 200 Level 3.xx directory.

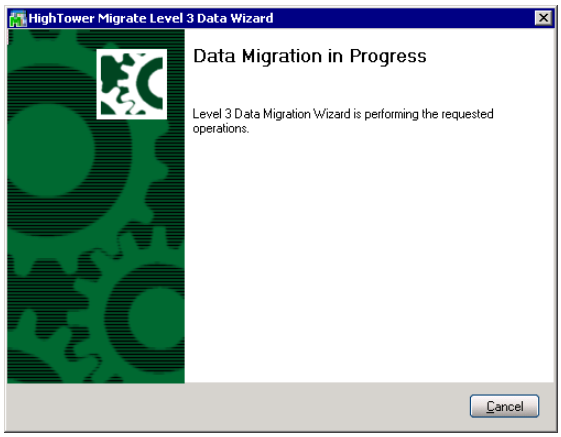
6 Click **Next** to continue. The following window appears.



Migrate Level 3 Data Wizard

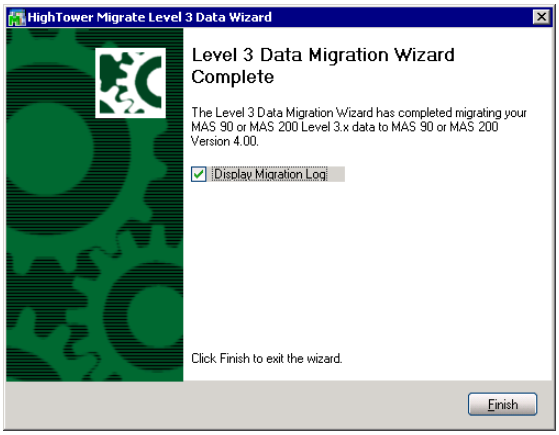
7 Click **Proceed** to begin copying the data from the Sage MAS 90 or 200 Level 3.xx data.

8 The following window appears during the migration. You can click **Cancel** to stop the migration process.


HighTower Migrate Level 3 Data Wizard
Data Migration in Progress
Level 3 Data Migration Wizard is performing the requested operations.
Cancel

Migrate Level 3 Data Wizard

The following window appears when the migration is finished.


HighTower Migrate Level 3 Data Wizard
Level 3 Data Migration Wizard Complete
The Level 3 Data Migration Wizard has completed migrating your MAS 90 or MAS 200 Level 3.x data to MAS 90 or MAS 200 Version 4.00.
Display Migration Log
Click Finish to exit the wizard.
Finish

Migrate Level 3 Data Wizard

9 Click **Finish** to end the Migrate Level 3 Data Wizard.

If the **Display Migration Log** check box is selected, the Migration Log will open in Notepad when you click **Finish**. The Migration Log details the Remote Users, Remote Devices, Remote Licenses, Fid0Maps, and MAS90xxx.ini files that were copied to your 4.00+ Sage MAS 90 or 200 system.

This concludes *Chapter 7: Using the Utilities Menu* of the Library Master Extensions manual.

Glossary

This glossary contains the name of the originator of the term in italics after each term.

ActiveSync

The software provided by Microsoft that facilitates communication between the Pocket PC device and the workstation. *Microsoft*

AppForge Booster

PDA Applications (starting with 3.72) are written for this environment. It is necessary supporting software. *AppForge*

COM Objects

COM objects are a Windows-level technology used to facilitate communication between ProvideX and the PDA. On a Palm OS Device, the developer used their own COM objects in addition to COM objects provided by PalmSource. On a Pocket PC device, the developer used only their own COM objects. *Windows*

Conduit

The application-specific program that determines what data to send to and from the Palm OS device. This program is registered with the HotSync Manager as a specific application's conduit. *PalmSource*

Device ID

This is used to uniquely identify a particular device to Sage MAS 90 or 200. *HighTower*

Device Name

The name assigned to a device in Sage MAS 90 or 200. This name may be different from the Palm OS User Name assigned to the device, or in the case of a Pocket PC, different from the Pocket PC's device name. However, it is recommended that the name be the same to facilitate easy identification of devices. *HighTower*

Sync Programs

The COM Objects written by the developer to communicate with the Palm Desktop (for Palm OS) and Active Sync (Pocket PC). *HighTower*

Sync Setup

Installs the Sync Programs and COM Objects provided by PalmSource. *HighTower*

HotSync Manager

The software provided by PalmSource that facilitates communication between the Palm OS device and the workstation. *PalmSource*

Library Master

The Palm OS Library Master or Pocket PC Library Master on the appropriate device. *HighTower*

Palm Desktop

Umbrella term describing not only the actual Palm Desktop PC application, but also the HotSync Manager and supporting programs. *PalmSource*

Palm OS User: [Name]

The name of the current user of a Palm OS Device. The name currently assigned to a Palm OS device is available in the device's HotSync application, at the upper-right corner of the screen. *PalmSource*

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